

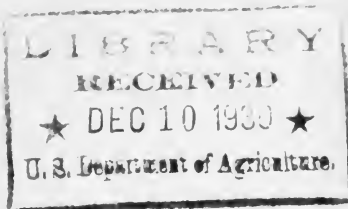
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# WILLIAMS' SEEDS



*"Growing"*  
*Reputation*

## Williams Seed Company, Inc.

57-59 Commercial Place  
NORFOLK, VIRGINIA

**Branch Store: Plant City, Florida**

Vegetable Seed Trials

J. N. Shoemaker

FEB 14 1930

# GENERAL INFORMATION AND SUGGESTIONS

## PRICES IN THIS CATALOGUE CANCEL ALL PRICE LISTS PREVIOUSLY ISSUED BY US

All Goods in This Catalogue are offered subject to being unsold on receipt of order, and the prices quoted are subject to change without notice.

**Advance Order, Conditions of Acceptance.** All advance orders, for growing crops, are booked by us previous to harvesting and receipt—subject to crops permitting—and accidents or delays beyond our control. Should shortages necessitate it, we reserve the right to fill such orders pro rata.

Please be careful to sign your name, postoffice, county, and state on each order and letter sent us. Each year we receive orders without name or address of sender.

**Terms.** All orders, to secure prompt shipment, should be accompanied with the cash. We can only send to well rated merchants, or parties well known to us, without the cash with order. When remittance falls short of amount of goods ordered, it is our custom to reduce the quantity sent, instead of delaying order by writing.

**How to Send Money.** By Post-Office or Express Money Order, Bank Check, or Draft, Cash by Registered Letter. We accept clean postage stamps for small amounts the same as cash.

**C. O. D. Orders** must be accompanied by a remittance equal to one-fourth the amount of the order; this insures the express or freight charges in case the goods are not taken when they arrive at destination.

**We Forward As Customer Directs** by express, freight, steamer or mail. When no shipping instructions are given we send according to our judgment.

**We Guarantee the Safe Arrival** in United States of all goods forwarded by express.

**We Make No Charge for Packing Cases or Boxes**, but we charge for cloth bags only, and these at cost.  $\frac{1}{4}$  bu., 10c;  $\frac{1}{2}$  bu., 15c; 1 bu., 25c; 2-bu., 45c.

**Error in the Filling of Orders.** We use the greatest care in filling, checking and packing orders. Yet should anything be omitted we will promptly forward when advised. Keep a duplicate copy of your order for comparison.

**Prepaid Orders.** We prepay charges on all Broccoli, Cabbage, Cauliflower, Celery, Egg Plants, Pepper and Tomatoes at prices quoted herein when cash accompanies the order. Also all flower and vegetable seeds in packets, ounces, quarter pounds and pounds. This does not include these same articles (with the exception of the sorts named above) as quoted in ten and one hundred pound lots on which purchaser pays express or freight charges.

**IMPORTANT**—Seeds of the best quality will often fail through improper treatment. This may be due to one or more of several reasons, such as covering too deeply or not deeply enough, too much or too little water, too cold weather or a baking sun which forms a crust too hard for the tender shoots to penetrate. Sometimes insects destroy plants at the surface before they are seen by the gardener.

**WILLIAMS SEED COMPANY, Inc.**, gives no warranty, express or implied as to description, quality, productiveness, or any other matter of any seeds, bulbs, roots or plants they send out, and they will not be in any way responsible for the crop.

## PARCEL POST RATES

	POUNDS	LOCAL	First Zone 1 to 50 Miles	Second Zone 50 to 150 Miles	Third Zone 150 to 300 Miles	Fourth Zone 300 to 600 Miles	Fifth Zone 600 to 1,000 Miles
1.....	\$0 07	\$0 07	\$0 07	\$0 08	\$0 09	\$0 10	
2.....	08	08	08	10	13	16	
3.....	08	09	09	12	17	22	
4.....	09	10	10	14	21	28	
5.....	09	11	11	16	25	34	
6.....	10	12	12	18	29	40	
7.....	10	13	13	20	33	46	
8.....	11	14	14	22	37	52	
9.....	11	15	15	24	41	58	
10.....	12	16	16	26	45	64	
11.....	12	17	17	28	49	70	
12.....	13	18	18	30	53	76	
13.....	13	19	19	32	57	82	
14.....	14	20	20	34	61	88	
15.....	14	21	21	36	65	94	
16.....	15	22	22	38	69	1 00	
17.....	15	23	23	40	73	1 06	
18.....	16	24	24	42	77	1 12	
19.....	16	25	25	44	81	1 18	
20.....	17	26	26	46	85	1 24	

*For Bumper Crops in 1930*  
*Plant*  
*Williams Seeds*

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*To*

Our friends of many years and our prospective customers

*Greetings*

Again we send you our Seed Book for the New year and with pleasure announce that due to an increasing demand for Williams' Seeds

*With A "GROWING" Reputation*

we found it necessary to move into larger and more modern quarters at

57-59 COMMERCIAL PLACE,

only four doors from our old location and with our famous

*W. S. C. Specialties*

we are better prepared to serve you than ever before.

Our best wishes to all for a most Prosperous and Successful Season.

Sincerely yours,

WILLIAMS SEED COMPANY, INC.

LYONS H. WILLIAMS,  
*President.*

# GARDEN AND FARM OPERATIONS FOR EACH MONTH

The Time of Planting as Given Below Applies for Latitude of Norfolk, Va.,  
Therefore Allowances Should Accordingly Be Made for More  
Northern or Southern Climates.

**JANUARY**—If your hotbeds have not been prepared attend to them at once and sow Cabbage, Lettuce, Beets, Radish, Cauliflower and Onions. Sow hardy Flower Seeds in hotbeds for early blooming. Secure manure and cut pea and bean poles. Top-dress grain and grass fields with manure.

**FEBRUARY**—Sow in hotbeds or cold frames Cabbage, Lettuce, Beets, Radish, Cauliflower, Onions, Tomato, Egg Plant and Pepper. Latter part of the month sow in open ground Spring Kale, Beets, Spinach, Carrots, Celery, Radish, Parsley, and Early Peas. The latter part of the month put out Asparagus and Rhubarb Roots, Onion Sets, hardy Lettuce and Cabbage Plants, Plant Irish Potatoes on high, well-drained soil. Sow Lawn Grass, Winter Oats, Canada Field Peas, Grass and Clover Seeds.

**MARCH**—Sow under glass, Tomato, Pepper, Egg Plant, and Flower Seed. Sow outside, Garden Peas, Cauliflower, Cabbage, Lettuce, Beets, Radish, Parsley, Parsnip, Salsify, Carrots, Celery, Asparagus and Onions. Sow Herb Seed in warm borders. Plant Onion Sets, Potatoes, Asparagus and Rhubarb Roots. Transplant Early Cabbage, Lettuce and Cauliflower plants. Sow Dwarf Essex Rape, Canada Field Peas, Winter and Spring Oats, Grass and Clover Seed. Sow Lawn Grass.

**APRIL**—Finish sowing Canada Field Peas, Oats, Grass and Clover Seed, plant Potatoes. Bed Sweet Potatoes. Set out Asparagus, Rhubarb and Onions. Sow Cabbage, Lettuce and Tomatoes in open ground for succession. Sow Beets, Carrots, Celery, Radish Salsify, Parsnip, Parsley, Spring Kale, Herbs, Mangel Wurzel. Set out Cabbage, Lettuce, Onions, and Beet Plants. Sow hardy Flower Seed outside. Plant Early Corn, Garden Peas, Snap Beans. Later in the month if the weather is favorable, plant Cucumbers, Melons, Squash, and Peanuts.

**MAY**—Finish planting early vegetables that were omitted last month. Plant all varieties of Dwarf and Pole Beans, Black-eye Peas, Cantaloupes and Watermelons. Cucumber, Squash, Okra, Pumpkin and Stock Beets. Sow Tomato and Cabbage Seed for late crop. Set out Cabbage, Lettuce, Cauliflower, Tomato, Egg Plants, Pepper and Sweet Potato Plants. Sow Flower Seed and plant Flowering Bulbs. Plant Sugar and Field Corns. Sow Sorghum, Millet, Cow Peas, and all Fodder Plants.

**JUNE**—Sow Tomato and Cabbage for late crop. Plant Watermelons, Cantaloupes, Cucumbers, Squash and Pumpkin, Dwarf and Pole Beans, Stock Beets. Sow Millet, Sorghum, Soja Beans, and all other Fodder Plants.

**JULY**—For succession, plant Snap Beans, Sugar Corn and Dwarf Lima Beans. Plant Cucumbers for Pickles and Potatoes for late crops. Sow Rutabagas and Turnips, also Carrots and Beets for late crop. Set out Cabbage and Celery Plants. Sow Black-eye and Cow Peas, Soja Beans, Buckwheat and Millet.

**AUGUST**—This is the best month for sowing Turnip, Rutabagas and Winter Radish. Sow Spinach, Kale, Lettuce, Endive, and Corn Salad. Sow Snap Beans, Peas, Carrots, and Beets for late crop. Sow Crimson Clover, Vetch, Rape, Winter Oats, Rye and Barley for winter grazing. Set out Celery, Lettuce and Cabbage Plants, also put out Onion Sets.

**SEPTEMBER**—Sow Lettuce, Early Cabbage and Cauliflower for transplanting. Transplant Lettuce, Cabbage and Celery. Set out Onions, sow Turnips, Kale, Spinach, Winter Radish, Corn Salad and Endive. Sow Lawn Grass and all varieties of Grasses and Clovers. Sow Winter Oats, Rye, Barley, Rape, and Vetch.

**OCTOBER**—Finish sowing Cabbage, Lettuce, Turnips for Salad, Kale and Spinach. Sow Lawn Grass Seed. Finish sowing all varieties of Grass and Clover Seed. Sow Dwarf Essex Rape, Vetch, Oats, Wheat, Rye and Barley.

**NOVEMBER**—Set out Cabbage, Lettuce, Strawberry Plants and Asparagus Roots. Plant all kinds of Flowering Bulbs for spring blooming. This is the best month for setting out Fruit and Shade trees. Finish sowing all varieties of Grain and Grass as early in the month as possible. Sow Canada Field Peas with Grain.

**DECEMBER**—Early in the month sow Canada Field Peas and Rye, Cabbage, Radish, Lettuce and Beets can be sown in hotbeds.

## INFORMATION OF SPECIAL INTEREST

For gardeners in the city who are crowded for room, some intensive methods which are easy of accomplishment should be mentioned, also some features to observe.

Set tomato plants or pepper plants 2 to 3 feet apart in rows of radish, beets or lettuce, provided that in the Spring the sowing was early.

Try Fordhook limas between potatoes 15 inches apart in rows. Limas cannot be planted until settled warm weather and at that time potatoes are forming and further hilling is injurious. When potatoes are dug carefully in line with row the small lima plants are not harmed.

Onion sets may be planted close to rows of vegetables in early Spring or Fall as catch crop, care being taken to judge early maturity. This applies of course to such vegetables that cover but small space in row.

Tomatoes, peppers, eggplant, and similar fruit plants must have full sunlight. Do not set out in shady spots of the garden or near tall growing vegetables such as pole beans.

# Complete List

## WILLIAMS' VEGETABLE SEEDS WITH A "GROWING" REPUTATION

ALPHABETICALLY ARRANGED

Most of the varieties we list are grown by us, under special contract, from our own stock seed. It is impossible, however, for any seedsman to grow each and every variety which he offers for sale, and consequently, we are forced, in some instances, to secure stock from other unquestionably reliable sources. Careful and repeated germination tests are made of all these stocks, and only those showing high germination and vitality are offered for sale.

## ASPARAGUS

**MARY WASHINGTON**—The most profitable variety of Asparagus. Very large and rust-resistant. Mary Washington will produce the very highest type of green Asparagus it is possible to grow. It is earlier, larger and longer than Pedigree Washington and Martha Washington. For all commercial purposes it is equally rust-resistant. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75, postpaid. Roots, 40c per doz.; \$2.25 per 100, postpaid. \$15.00 per 1000, not prepaid.

**Broccoli—Italian Green Heading** A very great demand has been created for this delicious vegetable since coming into prominence the past few years. It is easy of culture and very healthful. The plant forms a large solid head which remains green. After this head is cut, numerous sprouts develop from the leaf axes, each sprout terminating in small green heads which are bunched for market. Pkt., 25c; oz., \$2.00; ¼ lb., \$7.50; lb., \$25.00, postpaid.

**BROCCOLI SALAD.** This does not produce sprouts like the above but is used as a salad like Seven Top Turnip. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

## BRUSSELS SPROUTS

Brussels Sprouts are miniature cabbages formed on a plant stalk. The delicate flavor is improved by a touch of frost. The culture is practically the same as for cabbage. For late use sow seed in June.

**LONG ISLAND IMPROVED.** The most satisfactory Brussels Sprouts for American conditions; hardy, early, and a heavy yielder. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

**PARIS MARKET.** Half dwarf, excellent yielder. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

## BEEF

One ounce will sow 50 feet of drill; six to eight pounds to an acre.

**CULTURE.** Sow in rich or well manured garden ground after same has been deeply plowed or spaded. Sow in rows 18 inches to 2 feet apart, scattering seed thinly. In light, sandy soils cover about 1 inch; in stiff or clay soils not over ½ inch. Sowing can begin as early as the ground can be worked in this latitude and succession sowings made up to August 15th and even later farther south of us. In Florida sow from September to December. Seed is rough and the soil should be firmed or rolled if the ground is dry. When two or three inches high thin out to four or five inches apart in the row. Young beet plants are superior to spinach and turnips for "greens."

**W. S. C. Early Crimson Beauty** A fine selection of blood-red Beet, extremely smooth and of symmetrical growth, rich color and desirable shape. In our trials the past season this beet matured several days before Crosby's Egyptian. We recommend it not only for extreme earliness, but as superior in quality to any other table variety. The roots are of good size, slightly oval, and in quality and color it is peerless. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50, postpaid.

**EXTRA EARLY FLAT EGYPTIAN.** The earliest beet in cultivation; for forcing or transplanting; flat, tender when young; very dark red; small tops; a market sort. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25, postpaid.

**CROSBY'S EGYPTIAN.** One of the earliest; desirable on account of its rich blood red color throughout, and its extreme tenderness. An early spring and winter variety; good keeper. Pkt., 10c; ¼ lb., 30c; lb., \$1.00.

**DETROIT DARK RED.** A desirable type of turnip-shaped beet; very tender; excellent for winter keeping. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00, postpaid.

**EARLY WONDER.** An extra early, globe shaped variety; good size, smooth and handsome and of a dark blood red color; excellent quality and a desirable sort for canning. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25, postpaid.

**ECLIPSE.** Perfectly smooth and round; skin and flesh intense red. An excellent sort for forcing or for the market garden. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

## SWISS CHARD OR SPINACH BEET

This variety is cultivated for its leaves. The mid-rib is boiled and served like asparagus, and the other portions of the leaves are used as spinach. When wanted, cut close down to the ground without injury to the crown, and new leaves will grow.

**SWISS CHARD AND GIANT LUCULLUS.** Large leaf, much crumpled stalks and foliage heavy. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

# DWARF OR BUSH GREEN-PODDED BEANS

One pound will plant 100 feet of row; 60 pounds will plant an acre.

**CULTURE.** Beans grow well in any good garden soil. Usually the first planting can be made, in this latitude, about the first week in April, followed by successive plantings about two weeks apart until August 15th. Open a drill 2 inches deep and drop the beans 1 inch apart and cover. When well up, draw the soil up against the plants and cultivate frequently. Do not cultivate when the dew is on the plants, as this frequently causes rust. For quick results soak the seed before planting.

**BOUNTIFUL.** One of the best green-pod sorts; extra early, very prolific and long-bearing; long, broad, flat green pods, tender and stringless. Pkt., 10c; lb., 50c, postpaid. 10 lbs., \$3.20; 100 lbs., \$30.00, not prepaid.

**BLACK VALENTINE.** Long, round, solid pods; very tender of good flavor; very early and productive. Pkt., 10c; lb., 45c, postpaid. 10 lbs., \$2.50; 100 lbs., \$23.00, not prepaid.

**BURPEE'S STRINGLESS GREEN POD.** A very desirable dwarf, green podded sort for either home garden or market. Pods five to six inches long, thick, fleshy and perfectly stringless. Very tender and delicious. Pkt., 10c; lb., 50c, postpaid. 10 lbs., \$3.20; 100 lbs., \$30.00, not prepaid.

**EARLY RED VALENTINE.** Hardy, vigorous and upright in growth; round, thick, solid pods; tender; fine flavor. Pkt., 10c; lb., 45c, postpaid. 10 lbs., \$2.50; 100 lbs., \$23.00, not prepaid.

**FRENCH LEAD PENCIL.** Early and prolific. Pods extra long, round, straight and smooth, of a beautiful green color, and stringless while young. One of the best sort for main crop. Pkt., 10c; lb., 45c, postpaid. 10 lbs., \$3.00; 100 lbs., \$25.00, not prepaid.

**GIANT STRINGLESS GREEN POD.** A very productive, long, round-podded sort, maturing a little later than Burpee's Stringless. Pkt., 10c; lb., 50c, postpaid. 10 lbs., \$3.40; 100 lbs., \$32.00, not prepaid.

**LONGFELLOW.** Very handsome, nearly stringless, beautiful green pods, 7 to 8 inches long, straight and round; very prolific. Pkt., 10c; lb., 45c, postpaid. 10 lbs., \$3.00; 100 lbs., \$25.00, not prepaid.

**REFUGEE LATE, OR 1,000 TO 1.** Medium to late; very productive and tender; long green, round pods of exquisite flavor. Pkt., 10c; lb., 45c, postpaid. 10 lbs., \$3.00; 100 lbs., \$25.00, not prepaid.

**STRINGLESS REFUGEE.** Precisely the same as Refugee Thousand-to-One, except that it is absolutely stringless. This is a valuable acquisition for canners or those who want a bean of this class without strings. Pkt., 10c; lb., 45c, postpaid. 10 lbs., \$3.20; 100 lbs., \$30.00, not prepaid.

## DWARF OR BUSH WAX-PODDED BEANS

### W. S. C. Early Harvest Wax—Crop Failure.

**CURRIE'S RUST-PROOF BLACK WAX.** A superior variety for markets. Pods large, yellow, rust-proof, straight, long and flat; of excellent flavor. Pkt., 10c; lb., 45c, postpaid. 10 lbs., \$2.70; 100 lbs., \$25.00, not prepaid.

**HODSON WAX.** Very large, brittle, tender, flat wax pods; very productive; late. Pkt., 10c; lb., 50c, postpaid. 10 lbs., \$3.20; 100 lbs., \$30.00, not prepaid.

**SURE CROP WAX.** Black Seed.—An extra early, perfectly stringless flat Wax Bean. The pods are large and of a golden-yellow color, which they assume when still very small. Pkt., 10c; lb., 50c, postpaid. 10 lbs., \$2.70; 100 lbs., \$25.00, not prepaid.

## LIMA BEANS

Lima Beans should not be planted until all danger from frost is past. Sow bush varieties in drills 2 feet apart, the Beans about 6 inches apart, and cover about 2 inches. For Pole Limas, allow 5 Beans to a hill; plant seed eyes down, 2 inches deep.

### BUSH

Two pounds or quart will plant 100 feet of drill.

**BURPEE'S IMPROVED BUSH LIMA.** Much larger and thicker pods and beans. Pkt., 10c; lb., 50c, postpaid. 10 lbs., \$2.75; 100 lbs., \$25.00, not prepaid.

**FORDHOOK BUSH LIMA.** Immense pods and plump beans; a strong grower and very prolific, erect stems, upright and branching. Pkt., 10c; lb., 50c, postpaid. 10 lbs., \$3.40; 100 lbs., \$32.00, not prepaid.

**HENDERSON'S.** A dwarf, compact growing variety, with large clusters of pods, containing very small, flat beans. Pkt., 10c; lb., 40c, postpaid. 10 lbs., \$2.40; 100 lbs., \$22.00, not prepaid.

**DREER'S BUSH.** It grows vigorously 18 to 24 inches high. The thick seeded beans are equally productive with Burpee's but a week later. High quality. Pkt., 10c; lb., 50c, postpaid. 10 lbs., \$3.40; 100 lbs., \$32.00, not prepaid.

**PROLIFIC BUSH LIMA.** A very good, medium sized bush Bean, larger than the Henderson Bush Lima and not as large as the Burpee's Bush. Pkt., 10c; lb., 45c, postpaid. 10 lbs., \$2.60; 100 lbs., \$24.00, not prepaid.

### POLE LIMA BEANS

Two pounds (or quart) will plant 100 hills.

**EARLY LEVIATHAN.** The earliest large pole lima; very productive. Pkt., 10c; lb., 40c; 2 lbs., 75c, postpaid.

**KING OF THE GARDEN.** Vigorous grower, bearing large pods, 5 to 8 inches long. Beans large and of rich flavor. Pkt., 10c; lb., 40c; 2 lbs., 75c, postpaid.

**CAROLINA or SIEVA** (Pole Butter Beans). Vines have many short branches and are sometimes grown without poles. Known as Butter Bean of the South. Pkt., 10c; lb., 40c, postpaid. 10 lbs., \$2.20; 100 lbs., \$20.00, not prepaid.

**WOOD'S IMPROVED POLE LIMA** (Butter Bean). This improved variety is of the same type as the small Lima, but the Beans are larger and it is earlier than any of the other pole sorts. Pkt., 10c; lb., 45c, postpaid. 10 lbs., \$2.50; 100 lbs., \$23.00, not prepaid.



# POLE OR CLIMBING BEANS

**KENTUCKY WONDER or OLD HOMESTEAD.** Immensely productive; large green pods, 8 to 9 inches long, round, fleshy, finest quality, stringless until nearly mature. Pkt., 10c; lb., 35c; 2 lbs., 60c; 10 lbs., \$2.25, postpaid.

**WHITE KENTUCKY WONDER, or BERGER'S STRINGLESS GREEN POD.** Uniformly straight pods, 6 to 8 inches in length, rich green, and very meaty; entirely stringless and of good quality. The white beans are fine for Winter use. Pkt., 10c; lb., 40c; 2 lbs., 75c; 10 lbs., \$2.50, postpaid. 100 lbs., \$20.00, not prepaid.

**KENTUCKY WONDER WAX.** A very prolific sort, producing long, thick and almost straight pods, which are of a light yellow color and of excellent quality. Pkt., 10c; lb., 40c; 2 lbs., 75c, postpaid.

## CABBAGE

One ounce will give 2,000 to 2,500 plants;  $\frac{1}{4}$  to  $\frac{1}{2}$  lb. sufficient for an acre.

**CULTURE.** A heavy, moist, rich loam is most suitable for Cabbage, and deep and thorough cultivation, and an abundance of manure, are essential to a good crop. For early crop, sow seed from the latter part of September to the middle of October, in well prepared beds, transplanting to open field when large enough to rows 3 feet apart, and 15 to 18 inches apart in the row. Or sow in cold frame or hotbed in December or January, transplanting to open ground as soon as the weather permits. For a second crop, sow seed from March 20th to April 1st. For Fall and Winter crop, sow from 15th of May to the last of June, transplanting in July and August. Frequent hoeing and cultivation is necessary, especially in dry weather, to create moisture.

### EARLY VARIETIES

**W. S. C. Early Jersey Wakefield** (Special Selected Stock). Wakefield Cabbage is among market growers is planted entirely for the first early market. This universal popularity demands that more than ordinary attention be given to the selection of plants for breeding purposes, having in mind earliness, sureness to head, solidity and uniformity of growth and maturity. In our Wakefields this careful selection has been critical and continued through many years, and we believe we have as good and uniform a strain as can be had. They are early, hardy and uniform, and make but few outside leaves. Jersey Wakefield makes solid, pointed heads of good size and of most excellent quality. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00; 10 lbs., \$35.00, postpaid.

**EARLY JERSEY WAKEFIELD.** The heads are uniformly hard and solid. They are conical in form, generally pointed at the end, with but few outside leaves. The heart is solid and well blanched. A productive variety. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.75, postpaid.

**W. S. C. Charleston Wakefield** (Special Selected Stock). All that we say about the purity and excellence of our Jersey Wakefield is equally true of our Charleston Wakefield—it is as pure and true a strain as careful selection can make it. It is a week to ten days later than Jersey Wakefield, equally as solid, but considerably larger; has a less pointed and thicker head. Its earliness, hardness, size and solidity have contributed to make it one of the most universally grown early Cabbages. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00; 10 lbs., \$35.00, postpaid.

**CHARLESTON WAKEFIELD.** Heads solid; larger than the regular Jersey Wakefield, not so early. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.75, postpaid.

**COPENHAGEN MARKET.** The earliest of all ball-shaped Cabbages. The heads are remarkably solid, of fine quality. Average weight about 10 pounds per head. Pkt., 15c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00, postpaid.

### SECOND EARLY OR SUMMER VARIETIES

**ALL-HEAD.** One of the largest second early sorts; excellent quality. It is remarkably solid, deep, flat and very uniform. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.50, postpaid.

**EARLY FLAT DUTCH.** Standard second early sort, sure solid header, of even size, weight 10 to 12 pounds each, fine grained and of good flavor. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.50, postpaid.

**EARLY SUMMER.** One of the earliest of the Summer varieties. Heads large and flat; short-stemmed, few outside leaves. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.50, postpaid.

**SUCCESSION.** Very similar to the All Seasons. It is an excellent round heading variety and very much in demand. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.50, postpaid.

### LATE OR WINTER VARIETIES

**PREMIUM FLAT DUTCH.** Heads large, solid, broad and flat on top. Excellent Winter variety. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.50, postpaid.

### RED CABBAGE

**MAMMOTH RED ROCK.** Always deep red and extremely solid. Average weight about ten pounds each. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 85c; lb., \$3.00, postpaid.

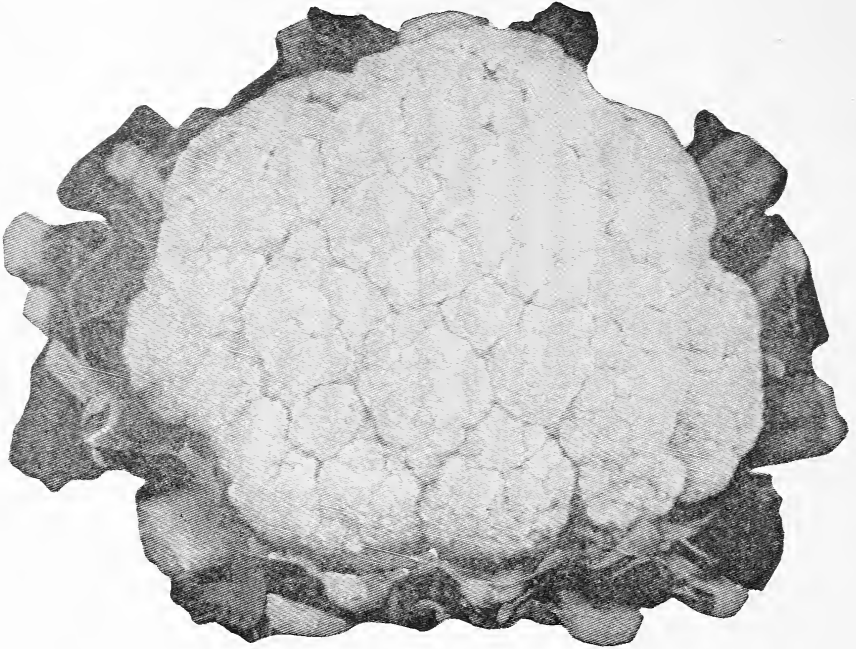
### SAVOY CABBAGE

**PERFECTION DRUMHEAD SAVOY.** The plant is of strong growth, outer leaves growing closely about the head. Head solid, grows to large size and is as round as a ball. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 85c; lb., \$3.00, postpaid.

### CHINESE CABBAGE

**PE-TSAI** (Chinese or Celery Cabbage). Resembles a head of Cos, Romaine or Celery Lettuce. The heads are very firm, almost like cabbage. The flavor is delightful, not at all like cabbage, but rather on the order of Witloof Chicory or French Endive. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 85c; lb., \$3.00, postpaid.

# CAULIFLOWER



## Cauliflower, W. S. C. Snow Queen

One ounce of seed will give 1500 plants,  $\frac{1}{4}$  to  $\frac{1}{2}$  pound sufficient for an acre.

**CULTURE.** Cauliflower will do well in any land that is suitable for cabbage, and in general the same cultural directions apply as for cabbage. Plenty of moisture is necessary for their development, especially at heading time. Sow seed in hotbed in November, transplant into cold frame for protection during the Winter, and set out in the fields early in April, in rows 2 to  $2\frac{1}{2}$  feet apart, and 18 to 24 inches apart in the row. Cultivate like cabbage.

**W. S. C. Early Snow Queen** Early Snow Queen Cauliflower is by far the quickest other variety of Cauliflower with immense, large, white heads that are solid and very compact. Every plant will make a head where other varieties fail to succeed. Gardeners should give this variety a trial as we feel confident that a trial will convince the one in doubt as to its merits. Good Cauliflower has always a ready market, and anyone who grows our strain will make a sure success. Pkt., 25c; oz., \$3.00;  $\frac{1}{4}$  lb., \$11.00; lb., \$40.00, postpaid.

**EARLY SNOWBALL.** An extra early variety, but has become popular for later use, having displaced many of the large late sorts for Fall use. It is of fine quality and produces snow-white heads, averaging 8 to 10 inches in diameter. It is small-leaved and is grown extensively under glass during Winter and Spring. Pkt., 25c; oz., \$2.75;  $\frac{1}{4}$  lb., \$8.50; lb., \$30.00, postpaid.

**VEITCH'S AUTUMN GIANT.** A large late Cauliflower producing quite compact white heads surrounded by a mass of large spreading leaves. Like all late varieties, it is not nearly so reliable as the earlier types except in cool sections. Pkt., 10c; oz., 75c;  $\frac{1}{4}$  lb., \$2.50; lb., \$9.00, postpaid.

# CARROT

One ounce of seed for 100 feet of drill, 3 to 4 pounds for an acre.

**CULTURE.** Select rich or well-manured soil worked deep, because this is a deep rooted crop and the soil should be prepared deep enough to allow the roots to penetrate the soil without difficulty. Sow 1 ounce of seed to 100 feet of row in shallow drills, 16 to 18 inches apart, in early Spring when leaves are starting out. Make several sowings about two weeks apart so you will have a succession crop. When plants are well started, thin out to four inches apart in the row.

**W. S. C. Pride of the Market** This new stump-rooted variety we consider the best of its class. It's a half-long sort unexcelled in quality and productiveness. Very uniform in growth. Flesh deep golden orange color. Roots 2 inches in diameter at top, about six inches in length, gradually tapering in a very symmetrical manner to the base. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.50, postpaid.

**DANVER'S HALF LONG.** The roots are smooth and of a rich, dark orange color. One of the best sorts for a main crop because it remains edible in the fields longer than other varieties. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c; lb., \$1.25, postpaid.

**CHANTENAY.** Flesh is a deep golden orange color, always smooth and fine in texture, very tender. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c; lb., \$1.25, postpaid.

**IMPROVED LONG ORANGE.** A deep orange colored variety adapted for farm or garden culture. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00, postpaid.

**OXHEART.** Beautiful shape and color. The roots generally attain four or five inches in length, and about three inches in diameter. Quality first rate, very tender, and a variety that is used in quantity. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00, postpaid.

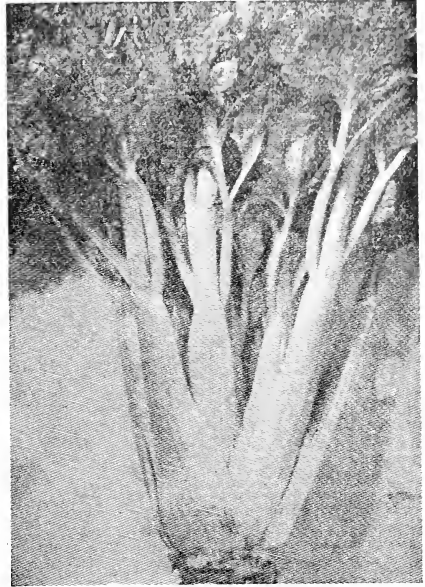
# CELERY

One ounce for 3,000 plants.

**CULTURE.** Celery seed is very small and the seed should be sown in partly-shaded beds, the soil having been worked down very fine. The seed should be scattered thinly on the surface then barely covered with finely sifted soil, not covering over a quarter inch. Keep bed well moistened but not soaking wet. Transplant to open ground when about 6 inches high and about 6 to 8 inches apart in the row. As plants grow keep hilling up to bleach.

## Wonderful or Golden Plume

(Special Grown Seed). Our special stock of Golden Plume or Wonderful Celery has proved such a wonderful success with all larger celery growers in Florida that they now insist on getting the Williams stock seed. This seed is grown especially for us from the originator's stock seed in larger quantities each year. This variety is grown largely for market but it is equally as valuable for private garden. It is early, blanches quickly and its rich color makes it quite attractive. The habit of plant is tall and the stalks are broad, thick, very solid, crisp and brittle the quality is superior, tender and free from stringiness, flavor rich and delightful. It develops a large heart and the greater part of the plant is edible. The seed which we offer we believe to be as good as can be grown. Pkt., 15c; oz., \$1.25;  $\frac{1}{4}$  lb., \$3.50; lb., \$12.00, postpaid.



Celery, Wonderful

## Golden Self Blanching (French Grown).

A splendid early Celery which makes vigorous growth and grows to a large size. The heart is rich golden yellow with light yellowish green outer stalks. Its delicate flavor is surpassed by no other variety and moreover it has the decided merit of being self-blanching to a very remarkable degree. We offer the new tall strain. Pkt., 15c; oz., 75c;  $\frac{1}{4}$  lb., \$2.75; lb., \$10.00, postpaid.

## Golden Self Blanching (American Grown).

Similar to the above but slightly shorter. Stalks solid and fine flavor blanching rich golden-yellow. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.75; lb., \$6.00, postpaid.

**WINTER QUEEN.** The best Winter Celery. It blanches easily, has a crisp, nutty flavor, is hardy and a splendid keeper. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50, postpaid.

**GIANT PASCAL.** Thick, solid stalk, golden hearts; blanches quickly; keeps well and is of good flavor. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50, postpaid.

## CELERIAC OR TURNIP ROOTED CELERY

**LARGE SMOOTH PRAGUE.** Grown exclusively for its roots, which are turnip-shaped, very smooth, tender, and narrow-like. The roots are cooked and sliced and eaten with vinegar, they make an excellent salad. Are used for seasoning meats and flavoring soups. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50, postpaid.

## CHICORY

Chicory is cultivated chiefly for its roots. The leaves, when blanched, make an excellent salad.

**LARGE ROOTED.** The young leaves are used for salad, and the roots when dried, roasted and ground are used for adulterating coffee. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50, postpaid.

**WITLOOF.** Known in restaurants as "French Endive." Valuable as a salad as well as a vegetable. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.25, postpaid.

## CRESS

**EXTRA CURLED or PEPPER GRASS.** Crisp, pungent leaves, finely cut and ornamental; used as a condiment and for garnishing; rapid growing, dwarf and compact. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00, postpaid.

**TRUE WATER CRESS.** Highly esteemed for salads and garnishing, must be grown along moist banks or in tubs in water covered soil. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00, postpaid.

# COLLARDS

One of the most popular southern vegetables and largely used in place of cabbage. It is hardier and easier to grow than cabbage, can be grown on poorer soil, and withstands insect attacks better. Although often sown during the Spring and Summer, the principal sowings are made in June, July and August.

**NORTH CAROLINA SHORT-STEM.** A decided improvement and has proved very popular wherever grown. Has a short stem; large spreading leaves; very hardy, withstanding drought in Summer and cold in Winter. Its flavor and cooking qualities are the very best. **Oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.**

**TRUE GEORGIA.** A well-known standard sort, and the one most generally used in the South. **Oz., 10c; ¼ lb., 25c; lb., 85c, postpaid.**

**Cabbaging** Dwarf stalk. Large dark green leaf. **Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00, postpaid.**

**GREEN GLAZED.** A distinct, glossy, dark green, long shell-shaped leaf, resisting cold as well as withstanding the Summer heat, tender and well flavored. **Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., \$2.50, postpaid.**

# SUGAR OR SWEET CORN

One pound will plant about 200 hills; 12 pounds will plant an acre.

**CULTURE.** Make hills 2½ to 3 feet apart each way, dropping 5 or 6 grains in each hill thinning out afterward to 2 to 3 stalks to the hill, according to the richness of your soil and moisture. A continuous supply can be kept up by either planting early, medium and late varieties at one time, or else by making several plantings at intervals of 15 days.

**BLACK MEXICAN.** Very sweet, of superior flavor; grains bluish black. **Pkt., 10c; lb., 35c, postpaid. 10 lbs., \$2.00; 100 lbs., \$16.00, not prepaid.**

**BARDEN'S WONDER BANTAM.** This corn is more vigorous, productive and as early as Golden Bantam, having the marked advantage of having much larger ears, set up higher on the stalk. The stalk grows from 5 to 6 feet in height, and has ears 8 to 10 inches in length, filled with eight rows of rich, golden-colored kernels. **Pkt., 10c; lb., 40c; 2 lbs., 70c, postpaid. 10 lbs., \$2.25; 100 lbs., \$20.00, not prepaid.**

**COUNTRY GENTLEMAN.** Ears 8 inches long; grains irregular, not in rows. Small cob, and very long, white, slender deep grains. **Pkt., 10c; lb., 35c, postpaid. 10 lbs., \$2.00; 100 lbs., \$16.00, not prepaid.**

**GOLDEN BANTAM.** While yellow in color, this is one of the sweetest and earliest varieties in existence; ears medium size; grains tender and delicious. **Pkt., 10c; lb., 35c, postpaid. 10 lbs., \$2.00; 100 lbs., \$16.00, not prepaid.**

**GOLDEN GIANT.** The growth is dwarf and compact; the ear somewhat larger than Golden Bantam, but not as sweet. **Pkt., 10c; lb., 35c, postpaid. 10 lbs., \$2.00; 100 lbs., \$16.00, not prepaid.**

**STOWELLS EVERGREEN.** One of the most popular varieties. 8 inches long 8 to 12 rows of medium large kernels. Hardy; keeps well; grains long and slender, free from glaze. **Pkt., 10c; lb., 35c, postpaid. 10 lbs., \$1.75; 100 lbs., \$15.00, not prepaid.**

# CORN FOR ROASTING EARS

**ADAM'S EXTRA EARLY.** Pure white, medium-sized ears. Not a sugar corn. Planted extensively by market gardeners, as it matures in about 65 days after germination. **Pkt., 10c; lb., 30c, postpaid. 10 lbs., \$1.35; 100 lbs., \$12.00, not prepaid.**

**ADAM'S EARLY.** Pure white, ears a trifle larger than Adam's Extra Early. Matures about 10 days later. **Pkt., 10c; lb., 30c, postpaid. 10 lbs., \$1.25; 100 lbs., \$10.00, not prepaid.**

**Norfolk Market** The most popular kind among our market gardeners. Very hardy, and has ready sale either in green state or matured. The ears are about 8 inches long; 14 to 16-rowed, and well filled. The grains are plump and milky when green, of exceptional quality. **Pkt., 10c; lb., 25c, postpaid. 10 lbs., \$1.25; 100 lbs., \$10.00, not prepaid.**

**SNOWFLAKE.** It is larger than Trucker's Favorite, but not quite so early. The stalks grow large and vigorous, bearing several large, well filled ears. The grains are rather large, deep, and pure white. **Pkt., 10c; lb., 30c, postpaid. 10 lbs., \$1.25; 100 lbs., \$10.00, not prepaid.**

**TRUCKER'S FAVORITE.** A standard early white variety, useful either as early roasting ears or for early dry corn. **Lb., 25c, postpaid. 10 lbs., \$1.25; 100 lbs., \$10.00, not prepaid.**

# POP CORN

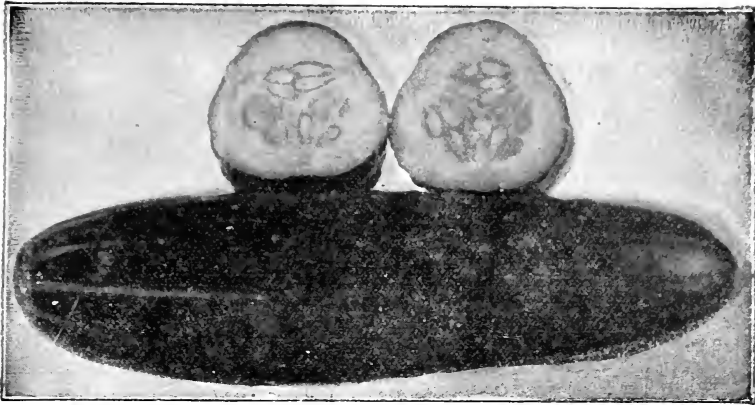
The seed should be sown in rows 3 feet apart, about the time beans can be planted. Cover the seed 2 to 3 inches deep with fine soil, and thin the plants to stand 10 to 12 inches apart in the row. One ounce will sow 40 feet of row; 4 pounds per acre in hills.

**QUEEN'S GOLDEN.** The stalks grow 6 feet high and the large ears are produced in abundance. The ears are larger than other varieties; of rich orange-yellow color and the kernels are round and smooth. It pops perfectly white. **Pkt., 10c; lb., 25c; 2 lbs., 45c, postpaid.**

**RED BEAUTY.** Ears medium. Kernels round and red. **Pkt., 10c; lb., 25c; 2 lbs., 45c, postpaid.**

**WHITE RICE.** An old standard variety that matures a little earlier than Queen's Golden. The ears are shorter; kernels deep, sharp, and of a pale yellow color. Very prolific and of excellent quality when popped. **Pkt., 10c; lb., 25c; 2 lbs., 45c, postpaid.**

# CUCUMBER



## Cucumber, W. S. C. Nugreen

One ounce of seed will plant 60 hills; 2 to 3 lbs. per acre.

**CULTURE.** To obtain early Cucumbers plant the seed about the first of May in frames, without much bottom heat, or small pots may be plunged into the soil in the frames, and a few seeds placed in each. In three or four weeks these may be transplanted into open ground. Hills 3 or 4 feet apart each way. When the plants are well started, thin out, leaving four of the strongest in each hill. Seeds may be planted in hills late in May, making the crop somewhat later.

**W. S. C. Nugreen** For a long distance shipping Cucumber that will retain its rich dark green color better and remain edible longer than almost any other White Spine Cucumber, we highly recommend our W. S. C. Nugreen. It is early, very productive and disease-resistant; fruits nine inches long, slightly tapering; flesh white, very firm and crisp with very few seeds. Pkt., 15c; oz., 25c; ¼ lb., 60c; lb., \$1.75, postpaid.

**WILLIAMS' FAMOUS PEERLESS.** It is an early, prolific and continuous producer of uniformly large and symmetrical fruits of an intensely rich deep green color. The vines are vigorous, quite healthy, mildew-proof, maintaining their luxuriance and bearing from the earliest to the latest season. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25, postpaid.

**Williams' Success White Spine** In earliness, productiveness and color-retaining qualities we believe it to be unsurpassed by any variety on the market except W. S. C. Nugreen. The fruit is long, cylindrical, dark green, with white spine and with white, crisp, tender flesh. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

**ARLINGTON WHITE SPINE.** Midseason variety of medium size. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00, postpaid.

**DAVIS PERFECT.** An extra long dark green type of white spine. Flesh crisp and solid with few seeds. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

**EARLY FORTUNE.** One of the best white spine, long, dark green fruits. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

**HENDERSON PERFECTED.** An extra early dark green white spine strain. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00, postpaid.

**LONG GREEN.** Dark green fruits, 12 to 14 inches long. It is the best variety for long yellow pickles. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

**JAPANESE CLIMBING.** A strong grower; fine for pickling. Pkt., 10c; oz., 20c; ¼ lb., 50c, postpaid.

**WEST INDIA GHERKIN.** Very small bur, used for pickles. Pkt., 10c; oz., 20c; ¼ lb., 50c, postpaid.

# KALE OR BORECOLE

One ounce will sow 50 feet of drill.

**CULTURE.** Scotch Kale should be sown from the latter part of July to last of August; Siberian Kale from middle of August to last of September. Sow in rows from 2 to 3 feet apart, thinning later to 6 to 8 inches in the row. Cultivate like cabbage. Spring or Smooth Kale can be sown either in Fall or Spring, and either broadcast or in drills.

**Jamaica Extra Dwarf Curled Scotch** Similar but far superior to Dwarf Curled Scotch because of its curly, broad-spreading foliage. Dark in color; so short in stem it rests directly on the ground. The Jamaica Dwarf Green is not as light a green as the Norfolk Dwarf Curled Scotch, but is a bluish green. The Jamaica Kale retains its wonderful dark green color long after cutting and in transportation; bringing more money when put upon the market because it is so attractive and appears to be fresher with its darker color. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25, postpaid.

**NORFOLK DWARF CURLED SCOTCH.** Extra fine curled, bright green leaves, tender and fine. Oz., 10c; ¼ lb., 25c; lb., 90c, postpaid.

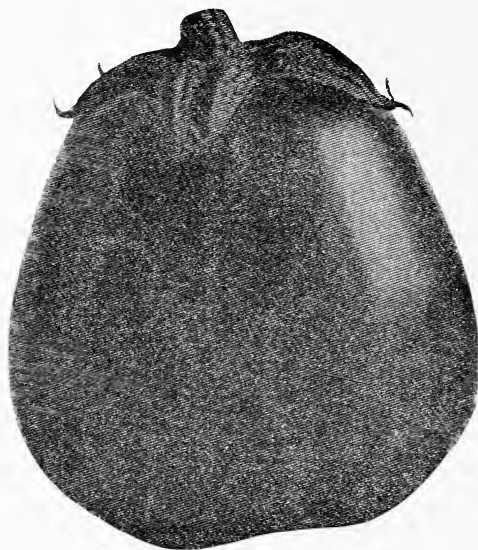
**SIBERIAN or GERMAN GREENS (Sprouts).** A very hardy variety. Popular with the market gardeners; very fine curled. Should be sown in September in rows one foot apart for Spring greens. Oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

**SPRING or SMOOTH KALE.** A hardy, quick growing smooth-leaved variety. The best for Spring sowing, but also largely sown in the Fall, as it makes greens earlier than the Winter varieties. It has no value as a shipping sort, but there is always a good local market. Oz., 10c; ¼ lb., 15c; lb., 35c, postpaid.

# EGGPLANT

One ounce of seed will produce 1500 plants; 6 ounces will sow an acre.

**CULTURE.** Sow in hotbeds during February and March, and when 3 inches high, transplant into small pots or otherwise. Plant out-of-doors after the weather has become perfectly warm. The rows should be 3 feet apart and the plants set 2 feet apart in the row. Hoe frequently to keep soil loose and fine.



Egg Plant, W. S. C. Black Beauty

## W. S. C. Black Beauty

The earliest and best of all large-fruited Eggplants. It is valuable alike to the private planter and the extensive grower for market. W. S. C. Black Beauty produces fruits fully as large and ready for use ten days to two weeks earlier than the New York Improved Purple. The plants branch very freely near the ground and grow in well rounded bushes. The grand, large fruits are thick, of most attractive form. The skin is a rich lustrous purplish black—the satin gloss and rich coloring adding greatly to its beauty. The intensely brilliant coloring is uniform over the whole fruit and does not fade or change to a lighter color. Pkt., 15c; oz., 75c; ¼ lb., \$2.75; lb., \$10.00, postpaid.

**BLACK BEAUTY.** Color very dark purple, almost black. Productive. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00, postpaid.

**FLORIDA HIGH BUSH.** Of strong upright growth, holding its fruit well above ground. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00, postpaid.

**NEW YORK IMPROVED SPINELESS.** A favorite market variety large oval fruits of dark purple color. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00, postpaid.

# ENDIVE

One ounce will sow 100 feet of row; 3 lbs. will plant an acre in rows 3 feet apart.

**CULTURE.** When plants are well started thin out to 10 inches apart in the row, or they may be transplanted to fresh rows. When plants have reached a good size gather the leaves closely together and tie loosely in an upright bunch. This bleaches the inner leaves in about ten days and adds to the crispness as a salad, as it renders the flavor mild and delicate.

**BROAD-LEAVED (Escarolle).** Leaves long, broad, and succulent. Fine for winter salads and cooking. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25, postpaid.

**GREEN CURLED.** Standard variety for fall and winter crop. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25, postpaid.

# KOHL-RABI

One ounce will sow 150 feet of drill.

**CULTURE.** Sow the seed in rows 18 inches apart and thin out to 8 or 10 inches. Cultivate same as cabbage, but in hoeing be careful not to throw earth into the heart of the plant or the bulb will not mature properly.

**EARLY SHORT-LEAVED WHITE VIENNA.** The best for family use. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$2.00, postpaid.

**EARLY PURPLE VIENNA.** Forms a fine purple ball. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$2.00, postpaid.

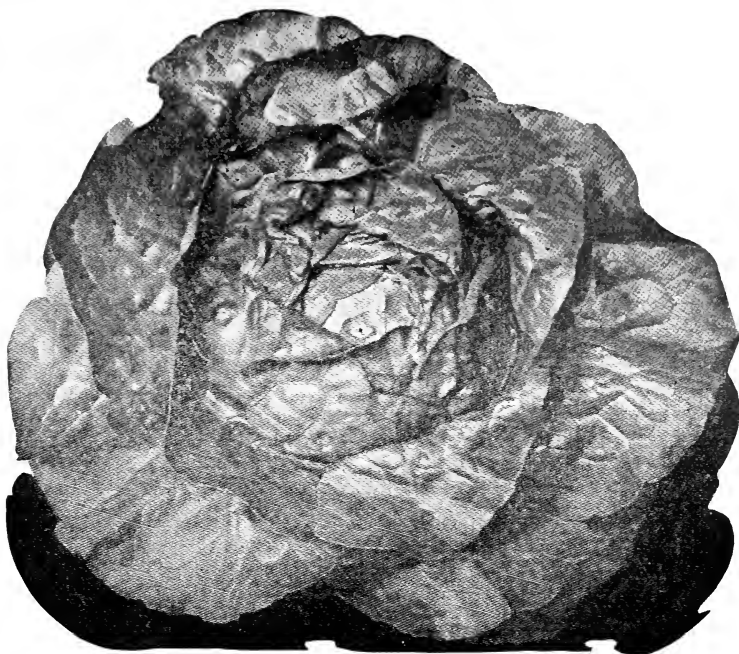
# LEEK

One ounce will sow 100 feet of drill.

**CULTURE.** Sow early in Spring in drills 6 inches apart and 1 inch deep. When about 7 inches high, transplant them in rows 12 inches apart and as deep as possible, but do not cover the young center leaves. Water thoroughly if dry when planting out.

**MONSTROUS CARENTAN.** Hardy and productive. The standard variety. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$2.25, postpaid.

# LETTUCE



## Lettuce, W. S. C. Ocoee

One ounce will produce 2500 plants; 8 ounces enough plants to set out an acre.

**CULTURE.** Lettuce is easy to grow, but requires rich, moist soil, clean and thorough cultivation and plenty of water to give it that quick growth on which depends its tenderness and flavor. It may be had at all seasons of the year. The earliest sowings should be made in a hotbed or in boxes indoors, hardened off and set 8 to 12 inches apart in 18-inch rows. For a succession sow every three weeks. Sowings may be made in open ground early in the Spring and the plants thinned out. For Fall use, sow in July and August. Fall sowings of hardy kinds should be made in September.

**New Head Lettuce "Ocoee"** Without a doubt this new head Lettuce is probably the best of recent introductions. It resembles Big Boston without the reddish brown tinge, the outside leaves are smooth, dark velvety green, every plant producing a large, well formed, solid, crisp, perfect head. Ocoee is five days earlier than Big Boston and has very few outside leaves, resists the heat, also cold, better than any other variety of Lettuce. Ocoee is slow to bolt into seed stalk, the heads remaining on the field in first class merchantable condition ten days or two weeks longer than any other variety. All of our Lettuce customers say the Ocoee is the best heading variety. Pkt., 15c; oz., 45c; ¼ lb., \$1.50; lb., \$5.00, postpaid.

**BIG BOSTON.** Very popular for outside culture as well as cold frame forcing. The heads are large and compact; leaves broad, almost smooth, but wavy at the edges; color light green, slightly tinged reddish brown. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25, postpaid.

**W. S. C. Big Boston** Williams' Double Rogued Stock. The W. S. C. Big Boston Lettuce and has proven to be popular in all Lettuce growing sections in the eastern and southern states. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$2.00, postpaid.

**ICEBERG.** Exceedingly crisp and tender, heads tightly folded and blanched to a beautiful white. Outer leaves crinkled and light green, growing closely up around the head. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75, postpaid.

**SALAMANDER.** A variety which stands the hot weather remarkably well. Salamander forms a large, compact, light green plant; the broad, thick, somewhat crumpled and closely overlapping leaves blanching the inner ones to perfection. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

**New York or Wonderful** A very large, late globular heading variety; leaves broad of thick texture, fairly blistered and crumpled, and the borders frilled; color clear dark green; quality good. Known in California and the west as "Iceberg." Pkt., 10c; oz., 20c; ¼ lb., 75c; lb., \$2.25, postpaid.

**BLACK-SEEDED SIMPSON.** The most popular and earliest Lettuce for the home or market garden. It does not form a head but a compact mass of leaves; tender, crisp and of excellent quality. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

**GRAND RAPIDS.** Best of all for forcing. Quick growing, hardy, upright, making a loose cluster of large, savoyed or crimped leaves. Very attractive for garnishing and leaves hold up well after cutting. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.60, postpaid.

**Paris White Cos** (Romaine). The finest for Summer use; the leaves should be tied up to blanch. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75, postpaid.

**TRIANON COS.** Self-blanching Cos Lettuce of excellent flavor. Very crisp. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75, postpaid.

# MELON, MUSK, OR CANTALOUPE

One ounce will sow 50 hills; 2 lbs., per acre.

**CULTURE.** Melons should be planted on a rather light, rich, sandy loam. Make hills about 6 feet apart each way. Cultivate until the vines cover the ground, and pinch the ends off the growing shoots to induce early fruiting. A few hills for early use may be had by sowing in hotbed on pieces of sod or in pots.

**W. S. C. Bottomly** This Melon is becoming more popular every year among the market gardeners, owing to being blight-proof and bearing fruit long after the vines of most early varieties have died. It is a very heavy yielder and has all the good qualities of the Rocky Ford. It is slightly later than the Rocky Ford, but a much sweeter Melon. Has small seed cavity well netted, widely ribbed, and for shipping it is unexcelled. Ideal for shipping or home market. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50, postpaid.

**ROCKY FORD.** Light green and of excellent flavor with a small seed cavity. Small, round, smooth and heavily netted. Excellent shipper and one of the most popular sorts. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00, postpaid.

**NEW KNIGHT.** An extremely early medium sized melon. Fruit oblong, well ribbed and netted. The flesh is thick, green, shading to orange at center. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c; lb., \$1.25, postpaid.

**JENNY LIND.** An extra early small green-fleshed melon deeply ribbed and heavily netted. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c; lb., \$1.25, postpaid.

**FALLOCK 10-25.** A very popular standard Rocky Ford shipping melon, salmon tinted flesh. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c; lb., \$1.25, postpaid.

**HEARTS OF GOLD.** A splendid small mid-season variety. Flesh very thick, deep salmon color. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50, postpaid.

**EMERALD GEM.** Fruits deep emerald green in color. Flesh very thick and of a deep, rich salmon color. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c; lb., \$1.25, postpaid.

**OSAGE or MILLERS CREAM.** Flesh very thick deep salmon and of finest quality. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50, postpaid.

**FORDHOOK.** A medium sized melon. Flesh thick orange-yellow in color and of excellent quality. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50, postpaid.

## WATERMELON

One ounce will plant 20 to 25 hills; 4 to 5 pounds per acre.

**CULTURE.** Rich, rather sandy soils produce the finest crops of Watermelons, but a well drained loam, especially with a southern exposure, is also suitable. Two shovelfuls of well-decomposed manure should be mixed with the soil of each hill. Watermelons should not be planted until the weather is quite warm. The plants grow vigorously and for this reason the hills should be about 6 to 8 feet apart. Place 6 to 8 seeds edgewise, with the eyes downward, in a circle in each hill, and cover one-half inch deep with fine soil.

**THURMOND GRAY.** Thurmond Gray has permanently taken its place among the shipping varieties of Melons. It grows to a large size, is very productive and a good shipping sort. The deep, red flesh ripens close to the rind; the flesh being firm, will not break when sliced. Color of the rind is greenish gray. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00, postpaid.

**Stone Mountain** A new round Watermelon showing slight ribs or lobes like a cantaloupe. The color of the smooth skin is light green. The flesh is a uniform beautiful deep crimson without any white hearts or stringiness. The average fruit weighs about 45 lbs. The rind is too tender to permit long distance shipping, but for the garden or local markets it has no equal. It is very prolific and exceptionally sweet. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 60c; lb., \$1.75, postpaid.

**WONDERMELON.** This new Melon is regular in shape, larger, sweeter, of better quality and better in every way than the old Kleckley. It is large, heavy, oblong, an even dark green skin, rather thin rind, rich bright scarlet flesh and an all-around fine Melon for home and nearby market use. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.

**IRISH GRAY.** Seeds white, fruit long, oval, gray, flesh bright red. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00, postpaid.

**EXCEL.** Largest of the shipping melons, mid-season. Fruit long dark green with faint stripe. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00, postpaid.

**IMPROVED TOM WATSON.** One of the best main crop sorts, grows to a very large size. The dark green rind is a contrast to the bright scarlet flesh. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00, postpaid.

**FLORIDA FAVORITE.** Oblong in shape and grows to a fair size. Quality excellent. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00, postpaid.

**IMPROVED KLECKLY SWEET.** Oblong in shape, slightly tapering towards stem end. Flesh very bright rich red. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.

**NIGGERHEAD.** An excellent shipping variety and a splendid keeper. The fruit is almost round, with a dark green rind. It is medium early. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25, postpaid.



# MUSTARD

**CULTURE.** Sow in any good garden soil thickly in drills 14 to 16 inches apart. Give clean culture, keeping free from grass and weeds. Leaves are large enough to use as a salad in from 4 to 6 weeks from sowing, and can be cut all through the Winter.

**SOUTHERN GIANT CURLED.** The leaves are large, colored light green, with a yellow tinge, and are much crimped at the edges. The plant is upright or slightly spreading in growth, and is very hardy, and of good quality. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c, postpaid.

**BROAD-LEAVED.** The leaves are large, comparatively smooth and have a distinct broad midrib. It produces considerably more leaf growth than other sorts and the leaves, when cooked, are of excellent quality. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c, postpaid.

**FORDHOOK FANCY.** A handsome vigorous growing mild variety. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c, postpaid.

# OKRA, OR GUMBO

One ounce will sow 100 feet of row; 8 lbs. will sow an acre.

**CULTURE.** Sow after soil is warm, in rows 3 feet apart, 18 inches apart in the row. The pods are used for soups and stews. The pods should be gathered while still young and tender, before the woody fiber develops.

**W. S. C. Dwarf Stalk Long Green Pod** Dwarf, but immensely productive. The pods are tender, of the best quality, and are borne throughout the season. A fine market variety. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25, postpaid.

**PERKINS MAMMOTH.** Very early and productive. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c, postpaid.

# ONION

For sets, use from 30 to 40 lbs. to the acre.

One ounce of seed for 100 feet of drill; 5 to 6 lbs. for an acre.

**CULTURE.** Onion seeds should be sown as early as it is possible to work the ground, in drills one inch deep and twelve to sixteen inches apart, in rich soil, deeply tilled and lightly rolled. Thin to one inch apart.

**BERMUDA WHITE.** Early and productive, grown largely in Southern States. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.50, postpaid.

**BERMUDA YELLOW.** The standard varieties for shipping. Very sweet and mild. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.50, postpaid.

**CRYSTAL WHITE WAX.** A pure white, flat onion, largely grown in Texas for early northern markets. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00, postpaid.

**PRIZETAKER.** Mammoth yellow globe, large producer on light soils. A favorite everywhere. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.50, postpaid.

**SOUTHPORT YELLOW GLOBE.** Deep globe-shaped and a heavy late cropper; one of the most extensively grown, for winter markets. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.25, postpaid.

**SOUTHPORT RED GLOBE.** This is a large, globe, deep red-skinned variety; very mild, best keeper. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

**SOUTHPORT WHITE GLOBE.** In form nearly ovoid, very regular and symmetrical; skin white, flesh fine grained, snowy white, mild. Pkt., 10c; oz., 40c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

**WHITE PORTUGAL or SILVER SKIN.** Flat, very early, mild flavor. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.75, postpaid.

**WHITE QUEEN.** A very early, white clear skinned variety used for bunching when young. Excellent for small pickles. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$3.00, postpaid.

# ONION SETS

Plant in drills about 12 inches apart and 4 inches in the row, with their tops just showing. Prices subject to market changes.

**YELLOW ONION SETS.** Lb., 25c; 2 lbs., 45c; 5 lbs., \$1.00, postpaid.

**WHITE ONION SETS.** Lb., 25c; 2 lbs., 45c; 5 lbs., \$1.00, postpaid.

**RED ONION SETS.** Lb., 25c; 2 lbs., 45c; 5 lbs., \$1.00, postpaid.

# PARSLEY

One ounce for 100 to 150 feet of drill; 4 to 5 lbs. to the acre.

**CULTURE.** Select rich soil; sow the seed in drills one foot apart, covering half an inch deep. It would be well to firm the soil with the foot after sowing the seed. As the seed is usually from 15 to 25 days in germinating, it will be necessary to sow early. Thin plants to 4 inches apart when 2 inches high. The beauty of the plant may be increased by several successive transplantings. It is used principally for flavoring soups, etc., and for garnishing in its natural state.

**W. S. C. Green Marvel** The plant is of a consistently rich deep green—far richer than any of the other specialties against which it has been tested. In addition to which it has a most exquisitely and closely curled and compact habit, which we believe to be unequalled by any other strain. Pkt., 25c; oz., 50c; ¼ lb., \$1.50, postpaid.

**EXTRA DOUBLE CURLED.** Vigorous, compact growing variety; excellent for garnishing and flavoring; also handsome decorative plant; leaves fine and crisp, resembling moss; a most popular sort for the market and home garden. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

**PLAIN.** This is the hardiest variety, foliage very dark green, with plain leaves, having a strong parsley flavor. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

**HAMBURG TURNIP-ROOTED.** The root resembles a small parsnip, and is the edible part of this sort; extensively used for flavoring soups. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

# PEPPERS



Pepper, W. S. C. Norfolk Ruby



Pepper, W. S. C. Worldbeater

One ounce of seed produces about 1000 plants.

**CULTURE.** Sow the seed in hotbed or a window box at a temperature of about 70 degrees on or about February 15th. Transplant to the open ground when all danger of frost is over, in rows 3 to 5 feet apart and plants set 15 to 20 inches apart in the row—about 9000 plants are required to set an acre. Cultivate frequently and keep free from weeds. When the plants are well set and started at about 7 inches high, guano or any well-rotted manure, hoed into the surface soil will also increase plant growth and fruiting qualities. Under favorable growing conditions with the proper cultivation, abundance of Peppers can be produced and the plant will bear fruit throughout the entire growing season and up until frost. All our Pepper seed are true American grown—we have no cheap pulp mill or imported stocks to offer.

**CHINESE GIANT.** The fruits are mammoth, averaging 12 to 15 inches in circumference, and, notwithstanding the immense size, are early and prolific; the well branched plants, about 2 feet high, carry a large crop of most attractive Peppers. The flesh is thick, tender, mild and sweet. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00, postpaid.

**CHEESE.** Noted for its sweetness. The flesh is unusually thick, surpassing all other Peppers as a shipper. Very early and bears fruit continuously until frost. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00, postpaid.

**W. S. C. Norfolk Ruby** Developed from the original type of Ruby King. While it is a especially call the attention of the trucker or shipping market gardener to its regularity of size and shape, making it an exceptionally desirable variety for good packing and fine appearance on arrival in the markets. This insures its being a top price seller at all times. It is very prolific, bright and glossy, of large size; the flesh is mild and thick and the lobes well filled out. It runs remarkably true to type and uniformity of size for a Pepper, and the plants are of strong, stocky, erect growth. Pkt., 15c; oz., 65c; ¼ lb., \$2.25; lb., \$8.00, postpaid.

**PIMENTO.** Medium sized. The mildest flavored of all Peppers. Its productiveness makes it a desirable sort for the home garden or market. Its smooth, thick flesh and uniform shape make it an excellent shipper. Pkt., 10c; oz., 50c; ¼ lb., \$1.25; lb., \$4.00, postpaid.

**RUBY GIANT.** Matures early, the plant is vigorous and upright. The Peppers are of very large size and so sweet and mild that they can be eaten raw. The flesh is very thick. When ripe the Pepper is of a bright red color. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00, postpaid.

**RUBY KING.** A popular variety of the Bell or Bull Nose type. The fruit is large, bright, glossy red, and the flavor is mild and sweet. A desirable variety for slicing in salads and for stuffing. Pkt., 10c; oz., 35c; ¼ lb., \$1.25; lb., \$4.00, postpaid.

**W. S. C. World Beater** It is a cross between Chinese Giant and Ruby King, having the shape of the Ruby King, except that it is broader at the pointed end and almost the size of the Chinese Giant. It is far more prolific than Chinese Giant, some plants producing as high as twenty-four marketable Peppers, and it is fully as early as Ruby King. A Pepper we thoroughly recommend. Pkt., 15c; oz., 65c; ¼ lb., \$2.25; lb., \$8.00, postpaid.

**WORLD BEATER.** Very prolific and exceptionally mild. Can even be eaten raw without burning. Fruit is light green at first, later turning to scarlet. Flesh thick. An excellent shipper. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00, postpaid.

## HOT PEPPERS

**ANAHEIM CHILI** or **MAMMOTH CAYENNE**. Fruit five to six inches long by one inch thick at the stem, tapering to a point; color brilliant scarlet and flesh red hot. Pkt., 15c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00, postpaid.

**LONG RED CAYENNE**. This is the true Cayenne Pepper. The fruits are narrow, about one-fourth inch thick and 3 inches long. They are borne in great abundance all over the bushes. The fruits are very hot. Easily strung up and dried for Winter use. Pkt., 10c; oz., 40c; ¼ lb., \$1.40; lb., \$4.50, postpaid.

**RED CHILI**. The fruits measure 2 to 3 inches in length and are one-fourth inch thick. Early and enormously productive. The fruits are fiery hot and are much used for Pepper sauce. The plants make a spreading growth about 18 inches tall. A favorite because it yields very heavily. Pkt., 10c; oz., 35c; ¼ lb., \$1.25; lb., \$4.00, postpaid.

## GARDEN PEAS

Wrinkled varieties are marked with a star (\*).

2 lbs. to 100 feet of drill; 90 to 150 lbs. per acre. (1 pt. is about 1 lb.; 1 qt. is about 2 lbs.)

**CULTURE**. Peas do best in light rich, loamy soil that has been liberally manured the previous season. Plant the smooth varieties as early as the ground can be worked. The wrinkled Peas are not as hardy as the smooth kinds, and should be planted later; they are, however, sweeter and better flavored. For a succession, plant every two weeks—as late as August for a late crop. Plant in double rows 6 to 8 inches apart, 2 to 3 inches deep, and stake with brush. They should be kept clean and the earth worked toward them two or three times during growth.

**\*THOMAS LAXTON**. A though of the wrinkled variety, it is of very vigorous constitution and strong germinating power, and, consequently, can be planted much earlier than other wrinkled sorts. The vine is very vigorous, growing to a height of about 3 feet, and maturing its crop very uniformly. The pods, borne in great profusion, are large, about 4 inches long, blunt at the end, and well filled with Peas of most excellent quality. Pkt., 10c; lb., 40c; 2 lbs., 75c, postpaid. 10 lbs., \$2.00; 100 lbs., \$18.00, not prepaid.

**\*LAXTONIAN**. This handsome new early wrinkled Pea is the easy leader of the large-podded dwarf growth varieties. This type has grown rapidly to the front and is in great demand. Very large, dark green pointed pods, 4 inches long, with large, light green, flattened, wrinkled Peas of fine quality. Dark green vines about 15 inches high are very vigorous and very productive. Pkt., 10c; lb., 45c; 2 lbs., 85c, postpaid. 10 lbs., \$2.25; 100 lbs., \$20.00, not prepaid.

**\*BLUE BANTAM**. This dwarf, wrinkled Pea combines extreme earliness, superb quality, and unusual productiveness, growing a very large pod for such a dwarf Pea. Vines average 15 inches in height, are very vigorous and carry enormous crops of large, deep bluish green pods. The pointed pods are 4 to 4½ inches long, smooth, and packed tightly with 8 to 10 extra large, luscious peas. Pkt., 10c; lb., 45c; 2 lbs., 85c, postpaid. 10 lbs., \$2.75; 100 lbs., \$23.00, not prepaid.

**\*LITTLE MARVEL**. An excellent dwarf sort for the market and home garden. The pods average a little longer than those of Premium Gem, are more attractive in shape and color and the Peas are of superior quality. The vines are heavily set with large, straight, deep green pods which are square ended and are well filled with 7 large, tender Peas. Peas dark green, wrinkled and very prolific. Pkt., 10c; lb., 40c; 2 lbs., 75c, postpaid. 10 lbs., \$2.25; 100 lbs., \$20.00, not prepaid.

**ALASKA**. The earliest of all extra early varieties. Can be planted as soon as the frost is out of the ground. Pods dark green, well filled and ripening uniformly. One of the best for the market garden. Vines 2½ feet high. Pkt., 10c; lb., 35c; 2 lbs., 65c, postpaid. 10 lbs., \$2.00; 100 lbs., \$15.00, not prepaid.

**AMEER or LARGE-PODDED ALASKA**. An extra early large-podded Pea of excellent quality. Vines grow about 3 feet in height, producing large, finely shaped pods. The Peas ripen uniformly and are round, slightly dented, of bright green color. A prolific bearer, making it a valuable market gardener's sort. Pkt., 10c; lb., 35c; 2 lbs., 65c, postpaid. 10 lbs., \$2.00; 100 lbs., \$16.00, not prepaid.

## PUMPKIN

One ounce is sufficient for a row of 100 feet in hills; 3 to 4 lbs. per acre.

**CULTURE**. Pumpkins require the same general culture as melons and squashes. As the plants require much space and as they readily mix with cucumbers, melons, etc., they are not very suitable for the home garden. The common practice, and a good one, is to plant the seeds in the cornfield, either in hills or between the rows, after the last cultivation.

**CHEESE**. The most popular for pies and table use; large, flat-round; creamy yellow skin; thick orange flesh of fine quality; a splendid keeper. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c, postpaid.

**CONNECTICUT FIELD**. A productive, large, orange colored field Pumpkin, usually grown for stock feeding, but it also makes good pies. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c, postpaid.

**GREEN STRIPED CUSHAW**. Fruits very large, with crooked neck; color creamy white, irregularly striped or traced with green; flesh light yellow, very thick, sweet. Very productive and popular in the southern states. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25, postpaid.

**KENTUCKY FIELD**. A large variety, producing Pumpkins in abundance. Has thick meat of fine quality. Very suitable for canners' use. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c, postpaid.

**KING OF THE MAMMOTHS**. Extremely large, orange colored, often weighing 50 pounds. Round. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

**SUGAR or PIE**. A handsome and productive small Pumpkin, 10 to 12 inches in diameter; round-flattened; skin orange, flesh deep yellow, fine grained and very sweet. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00, postpaid.

## PARSNIPS

One ounce to 150 feet of drill; 4 to 5 lbs. per acre.

**CULTURE**. Parsnips succeed best on deep, rich, sandy soil but do well on any good, deep, mellow soil. Sow as early in the Spring as the ground can be made ready. Plant in rows 2 feet apart and cover seed one-half inch, pressing down soil. When well up, thin plants to 6 inches apart.

**IMPROVED AMERICAN HOLLOW CROWN**. Smooth, white roots of excellent quality. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 90c, postpaid.

# RADISH

One ounce is sufficient for 100 feet of drill; 8 to 10 lbs. to the acre in drills;  
25 to 30 lbs. to the acre broadcast.

No garden is complete without Radishes in succession at all times.

**CULTURE.** To be tender and crisp. Radishes must be grown quickly, and this requires rich soil and plenty of moisture. Commencing with the first mild spell in the Spring, sow at intervals of ten days, in a light, rich, deeply worked soil. May also be sown as a catch crop between rows of beets, lettuce, onions, etc., or sown in the same drill with slow-growing vegetables like carrots and parsnips. When forced in hotbeds, they must have plenty of ventilation and moisture. For Fall and Winter use, sow the Winter varieties in August or September.

## EARLY VARIETIES

**Early Scarlet Globe** One of the best for forcing or for early outdoor sowing. Perfect in shape and color. Roots are oval or o'ive-shaped, deep scarlet in color, with white, mild, crisp and tender flesh. Small tops. They are ready for market in 20 to 25 days after sowing. We sell thousands of pounds annually on repeat orders, which is the best proof of quality after all. Oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c, postpaid. 10 lbs., \$7.50, not prepaid.

**Early Scarlet Turnip White-Tipped** An extra early sort, very popular with market growers. Handsome in appearance, bright red, with white tip. Tops are small, allowing of close planting. Our strain is superior to most sorts offered, making a nice globe-shaped, clean root with no laterals. Oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c, postpaid. 10 lbs., \$7.50, not prepaid.

**PHILADELPHIA WHITE BOX.** A very fine early Radish, round, slightly flattened, and of a beautiful white color. It has a medium top, matures early and is grown extensively both under sash and outdoors. Oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c, postpaid.

**FRENCH BREAKFAST.** Handsome olive shape. Bright red with the exception of a clear white tip on the bottom. Grows very rapidly. Rather small at maturity. Oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c, postpaid.

**LONG WHITE ICICLE.** A fine white Radish about 5 inches in length and quite slender. This is one of the very best. Skin is smooth and thin; flesh fine grained, white and crisp. A good variety for family use. Oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c, postpaid.

**LONG SCARLET SHORT TOP.** This excellent market Radish has comparatively short, small tops. The roots are smooth, slender, uniform in shape and of a very bright carmine-red color. They grow about one-third out of ground and continue crisp and tender until mature, when they are about 6 inches long. Oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c, postpaid.

## SUMMER AND WINTER VARIETIES

**WHITE STRASSBURG.** About five inches long. Skin and flesh pure white. Will remain firm and brittle longer than most varieties. Oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c, postpaid.

**WHITE CHINESE or CELESTIAL.** An outstanding variety, growing to enormous size. The roots are cylindrical and grow 12 to 15 inches long, with a diameter of 5 inches. The flesh is crisp, juicy and tender. Oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c, postpaid.

**ROSE CHINA WINTER.** One of the best Winter sorts. Cylindrical, or widest near the bottom, stump-rooted; skin smooth and bright rose in color; flesh white, crisp and pungent. The roots grow 4 to 5 inches long and 2 inches thick. Oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c, postpaid.

**LONG BLACK SPANISH.** The roots measure 7 to 10 inches long and are 2 to 3 inches thick. The skin is black and the flesh pure white. It is extremely firm and the roots will keep in perfect condition all Winter long if stored in a frost-proof cellar. Oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c, postpaid.

# RHUBARB OR PIE PLANT

One ounce of seed is sufficient to sow 100 feet of drill; 10 lbs. to the acre.

**CULTURE** Spring sown seed produces roots from which a crop may be taken the second year after sowing. Sow seed March 1st to middle of May, in drills about 18 inches apart and when plants are well up, thin to 8 inches apart. Before placing roots in a permanent position, use stable, sheep or poultry manure, setting them out in rows 4 feet apart and 3 feet in the row.

**MYATT'S VICTORIA.** The best Rhubarb for the South. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50, postpaid. Roots, extra large, divided roots, 15c each; \$1.50 per doz.; \$9.00 per 100.

# SALSIFY OR VEGETABLE OYSTER

**CULTURE.** Sow in early Spring, in drills 18 inches apart; cover the seed with one-half inch of soil. Seedlings should be thinned out to 4 inches apart in the drills. Ready for use in October; can be stored in the cellar over Winter or left outside. A few frosts improve the flavor. The roots, when boiled, make a delicious vegetable, and the tenderest leaves form a very good salad.

**MAMMOTH SANDWICH ISLAND.** One of the finest varieties grown. Roots short, thick, very uniform in size, tender and delicious. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.00, postpaid.

# SORREL

One ounce will sow 100 feet of row.

**CULTURE.** Sow early in Spring, thinly, in rows 12 to 18 inches apart. Thin to 6 or 8 inches apart. Commence cutting in about two months after planting; the plants will continue to bear fully for three or four years.

**LARGE FRENCH BROAD-LEAVED.** One of the best, having large, pale green leaves of mild, acid flavor; esteemed as a salad, also cooked as greens. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.50, postpaid.

# SPINACH

One ounce will sow 100 feet of row; 15 lbs. will sow an acre in rows, 25 lbs. broadcast.

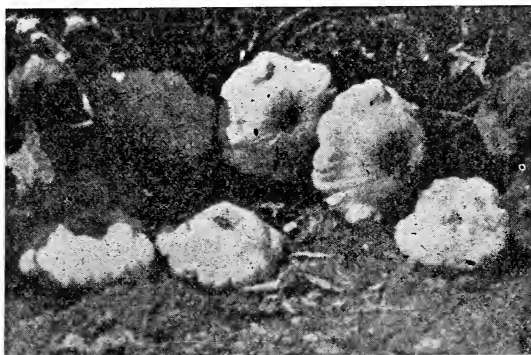
**CULTURE.** Spinach needs rich land, and on poor land heavy manuring is absolutely necessary and liming will be found advantageous. The seed may be sown from August 15th up to November 15th. It is difficult, however, to get a good stand from very early sowing, as Spinach is decidedly a cold weather plant. The main crop is sown about the middle of October if conditions are favorable. In this vicinity Spinach is usually sown in beds  $4\frac{1}{2}$  feet wide, 4 rows to the bed, 10 inches apart. When the second leaves begin making, thin out to about 4 inches apart in the row. Fertilize lightly and frequently to maintain the dark green, healthy, vigorous look. For Summer use sow at intervals from February to April.

**Virginia Savoy Blight-Resistant** Was originated by the Virginia Truck Experiment Station, at Norfolk. It is the result of years of scientific work by the experiment station, and has proved a great success the past several years. It is a decided improvement over Bloomsdale or Norfolk Savoy, as its blight-proof qualities and correct habit of growth make more valuable to the grower than any other variety. Oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c; 10 lbs., \$4.00, postpaid. 100 lbs., \$30.00, not prepaid.

**BLOOMSDALE SAVOY.** A valuable variety which is extensively grown; producing large crops. Very early and hardy; one of the best for market and canning. Plants of upright growth, leaves of medium size, more or less crumpled or blistered; colored glossy medium green. Oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 40c; 10 lbs., \$3.00, postpaid. 100 lbs., \$20.00, not prepaid.

**NEW ZEALAND (Tetragonia expansa).** This is not a Spinach of the ordinary kind, but a plant of branching growth. One single plant will grow to dimensions of 6 feet across, producing an abundance of thick, fleshy, juicy stems and leaves, which make an excellent Spinach. The flavor is fine and the fact that it does well throughout the hottest Summer, makes it all the more desirable. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 75c, postpaid.

# SQUASH



Squash, W. S. C. White Bush

One ounce of the bush varieties to 40 hills; 2 to 3 lbs. to the acre.  
One ounce of the large-seeded varieties to 15 hills; 3 to 4 lbs. per acre.

**CULTURE.** Before you plant Squash, the ground must be warm and settled, the soil light and highly manured. Summer varieties should be planted from four to six feet apart each way in the hills, pressing the seed down firmly one inch deep. Late varieties in hills eight feet apart, covering the seed about one and one-half inches deep.

**W. S. C. Extra Early White Bush** This well known popular variety has always been difficult to fix and large field plantings have always been likely to show a large percentage of inferior fruit, striped and cup-shaped types. The W. S. C. selection is as round as a good size saucer, quite flat, very much scalloped, about ten days earlier than the old type White Bush Squash, and the plant is of medium bush form with fruits borne in clusters at the base. It does not require so much space as is demanded by most Squashes. Pkt., 15c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00, postpaid.

**WHITE BUSH SCALLOPED or PATTY PAN.** This is the well known, early, somewhat flattened, scalloped bush Squash of medium size. The color is creamy white; slightly warted surface. The vines are vigorous. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.

**COCOZELLE or ITALIAN VEGETABLE MARROW.** The dwarf bushes produce large, elongated, slightly curved, smooth dark green fruits which when mature become marbled with yellow and lighter green stripes. Fruits are best when 6 to 8 inches long. The flesh is very tender, marrowy and delicious. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.50, postpaid.

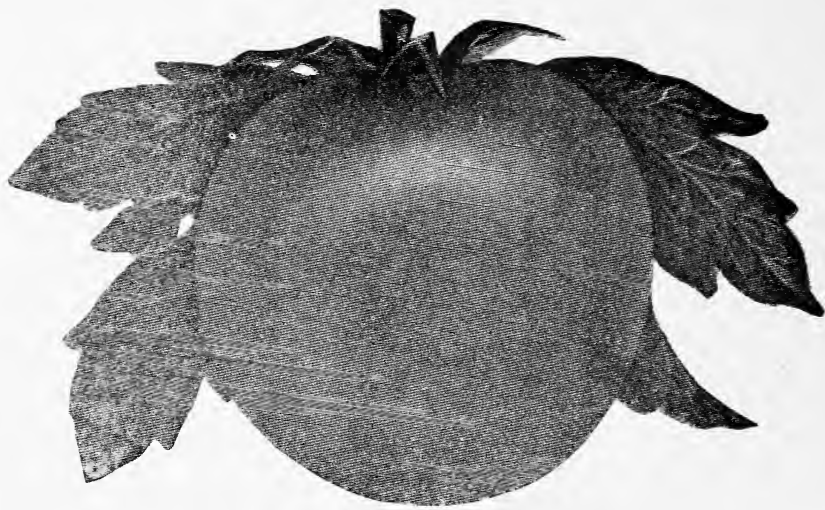
**W. S. C. Cocozelle** A selected strain of the genuine Italian Squash. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 85c; lb., \$3.25, postpaid.

**GIANT SUMMER CROOKNECK.** Fruit much larger than the common sort while just as early and tender. Color a deep yellow, very warty. Fruit often two feet long. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c, postpaid.

**Golden Yellow Summer Crookneck** Old well known crookneck variety for home and market gardens. Fruits small, of bright orange-yellow color and covered with warty excrescences. It makes an excellent shipper, is fine grained and of good quality, especially desirable for its rich, buttery flavor. We consider this the best Squash. The sweet buttery flavor and prolificacy beats them all. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.

**TRUE HUBBARD.** One of the best Winter sorts. Fruit is large, oval, with rough green skin, covered with warts. Flesh is bright orange-yellow, fine grained, very dry and sweet, and richly flavored. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25, postpaid.

# TOMATOES



Tomato, Bryan's Self Topper

One ounce will make about 1500 plants; 4 ounces will make plants enough for an acre.

**WE ARE TOMATO SEED SPECIALISTS.** All our Tomato Seed is saved from fields that have been carefully rogued, hand selected and cannot be compared with cheap canning stocks.

**CULTURE.** For the first crop sow seeds of very early varieties like Globe or Sparks' Earliana, under glass, or in the house, about the middle of February, giving the young seedlings plenty of light for rapid development. When they are 3 to 4 inches tall, transplant them into flats or a spent hotbed, to stand 4 inches apart each way. Give plenty of air on sunny days to harden them properly. Such plants should start bearing the middle of June, and continue for the best part of two months. For the main crop, sow seeds of later varieties in a hotbed, or warm cold frame by April 1st. Around Decoration Day, prepare spaces 3 feet apart each way, digging the hole a foot deep and of equal diameter and filling this with well-rotted stable manure or humus. Set the plants into these spaces and to prevent loss from cut worms, surround the young plants with a collar of cardboard. Where the young plants are grown in paper pots, set them into the ground, pots and all, just tearing out the bottom.

**BONNY BEST.** Very early, scarlet; medium to full market size; even, smooth and regular; valuable for home garden or market. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50, postpaid.

**BRIMMER.** A Tomato well adapted to southern conditions, larger than most kinds. The fruit is unusually large, flat, curved, of a bright red color, thick, meaty and contains but few seeds. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00, postpaid.

**Bryan's Self Topper** This Tomato is by far the smoothest, largest, most productive and best of all medium early Tomatoes. Every vine is loaded with great quantities of perfect, solid Tomatoes. Five to ten days earlier than Globe. Very smooth, ripening from inside out, most delicious flavor. Vine growth very much the same as Bonny Best and growth comparing favorably with Globe. Resists wilt, blight and other Tomato diseases better than other varieties. **Bryan's Self-Topper Tomato** in habit of setting fruit and color is similar to Globe, setting the fruit in clusters at every joint to the tip end of the vines. **Bryan's Self-Topper** fruit is a purplish red, thick, smooth, small seed cavity, with less seeds than any other variety. Fruit firm, medium to large in size, superior quality, unusually heavy and continuous bearer throughout the season. Fine keeper and shipper—no cracking or bursting in transportation. Will stand shipping to much longer distances than any other variety. Pkt., 15c; oz., 75c; ¼ lb., \$2.75; lb., \$10.00, postpaid.

**CHALKS EARLY JEWEL.** Fine; large; solid; smooth; scarlet; similar to Stone; early. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$3.00, postpaid.

**COOPER'S SPECIAL.** An improved strain of Livingston's Globe. Fruit purple, globe shaped. It yields heavier than Globe and its carrying qualities are equally as good. Pkt., 10c; oz., 45c; ¼ lb., \$1.35; lb., \$5.00, postpaid.

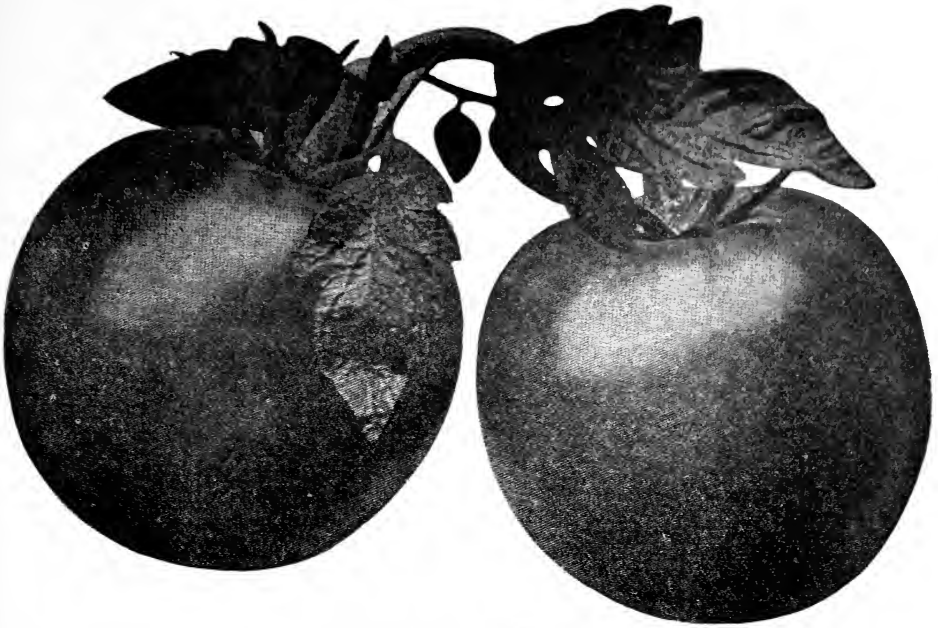
**EARLY DETROIT.** A large purple Tomato; vines vigorous and productive. Fruit smooth, uniform in size, nearly round, firm and of excellent quality. A good shipper and suitable for both early and main crop. Pkt., 10c; oz., 40c; ¼ lb., \$1.10; lb., \$4.00, postpaid.

**EARLIANA.** Extra early; cardinal-scarlet; smooth; plant is compact in growth. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$3.00, postpaid.

**Florida Special** Is a large, round Tomato; deep red; fine flavor; skin firm; meat solid; very productive, and a few days later than Earliana. It is a good shipper; desirable for canning and will stand long-distance shipping. It is suitable for both early and main crop. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50, postpaid.

**SELECTED GLOBE.** A very popular variety with market gardeners, especially in the South. The short-jointed vines are vigorous and very productive. The Tomatoes mature a little earlier than most main crop varieties. They are smooth—ripen up thoroughly and they are of a glossy purplish rose color; flesh firm, has few seeds, and is of mild flavor. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.50, postpaid.

# TOMATOES



Tomato, W. S. C. Marglobe

**Marglobe** This tomato was originated and introduced by the U. S. Department of Agriculture through the efforts of Dr. F. J. Pritchard of the Bureau of Plant Industry, and it has gained great popularity in southern Florida owing to its resistance of wilt, nailhead rust and its wonderful yielding qualities. The Marglobe is also in great demand among the canning trade in all parts of the country. In color this tomato is a beautiful scarlet fruit, deep globe shape, setting in clusters in every joint of vine. Its splendid habit of growth is slightly greater than that of the Globe and should be grown on rows at such a distance making allowance for the increased vine growth. As for yielding qualities it is equal to that of a good selection of Globe, but is about a week to ten days later. To get the best results from the Marglobe we recommend frequent applications of fertilizer and we believe any gardener or tomato grower wanting a medium early tomato, the Marglobe will prove most satisfactory wherever used. Pkt., 10c; oz., 75c;  $\frac{1}{4}$  lb., \$2.25; lb., \$8.00, postpaid.

**W. S. C. Marglobe** An extra fine selection of the above. Fruits are large, smooth and globular, meaty and almost coreless. Pkt., 15c; oz., \$1.00;  $\frac{1}{4}$  lb., \$3.00; lb., \$10.00, postpaid.

**GULF STATE MARKET.** The best of the early, purple-fruited varieties. In season with Early Detroit, while fruit is larger, smoother, more globe-shaped; very solid, productive and free from cracking. Pkt., 10c; oz., 45c;  $\frac{1}{4}$  lb., \$1.35; lb., \$5.00, postpaid.

**GOLDEN QUEEN.** Bright-yellow, large and solid. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.50, postpaid.

**JOHN BAER.** An early productive red tomato. A popular market sort. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00, postpaid.

**SELECTED STONE.** Probably the most widely grown Tomato in the Country. Very dependable and will produce a large crop of deep red, solid fruits. A splendid canner. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 85c; lb., \$3.00, postpaid.

**RED PEAR-SHAPED.** Small, odd-looking Tomatoes. Very strong growers and very productive. Suitable for preserves and pickling. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c, postpaid.

**YELLOW PEAR-SHAPED.** Same as Red Pear-Shaped except beautiful golden yellow color. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c, postpaid.

**YELLOW PLUM TOMATO.** Similar to the Pear-Shaped but larger and plum-shaped; sweet, meaty and prolific. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c, postpaid.

**W. S. C. Special Globe** This is an improved stock of Williams' Selected Globe which has been such a wonderful favorite in the South for many years. The short-jointed vines are vigorous and very productive. The Tomatoes mature a little earlier than most main crop varieties. The fruit is borne in clusters, average large, though a little uneven in size and are nearly round or globe-shaped. Some a little elongated. They are smooth—ripen up thoroughly and are of a glossy purplish rose color; flesh firm, have few seeds, and are of mild flavor. A good keeper and shipper. Pkt., 15c; oz., 75c;  $\frac{1}{4}$  lb., \$2.75; lb., \$10.00, postpaid.



# TURNIP

**CULTURE.** One-half ounce of seed plants 100 feet of drill; 2 lbs. per acre; 3 lbs. if broadcast. For early use, sow the small sorts as soon as the ground can be worked in the Spring, in drills 14 inches apart, the Rutabagas 30 inches. As the seed is very fine, it should be covered but slightly, excepting in very dry weather. Select light, and if possible, new soil and manure with plaster and ashes or phosphates. Should the young plants be troubled with insects, a sprinkling of slug shot will be beneficial. For Fall and Winter use sow from the middle of July to the middle of August.

## WHITE FLESHED VARIETIES

**EARLY PURPLE TOP MILAN.** The earliest Turnip in cultivation, with medium sized, very much flattened, round, smooth, white roots with a purple-red top. Leaves short and few. Oz., 10c; ¼ lb., 30c; lb., \$1.00; 10 lbs., \$8.50, postpaid.

**EARLY WHITE MILAN.** This is the best for a very early Spring crop. It is used largely at that season for bunching. It grows rapidly; is flat-round in shape, with very small leaves, and slender stems. Both skin and flesh are pure white. Oz., 10c; ¼ lb., 30c; lb., \$1.00; 10 lbs., \$8.50, postpaid. 100 lbs., \$65.00, not prepaid.

**EARLY WHITE FLAT DUTCH (Strap-Leaved).** A very early white Turnip. The roots are of medium size, flat, very white fleshed, fine grained and sweet. The roots, when in best condition for table use are about 2½ inches in diameter. Oz., 10c; ¼ lb., 25c; lb., 65c; 10 lbs., \$6.00, postpaid.

**EARLY SNOWBALL.** Small, white, grows quickly; splendid table quality. Oz., 10c; ¼ lb., 25c; lb., 65c; 10 lbs., \$6.00, postpaid.

**POMERANIAN WHITE GLOBE.** (Large White Norfolk). Especially desirable for greens, and in this respect far superior to the old Seven Top. Also makes a beautifully formed, snowy white Turnip; splendid for table or stock feeding. We highly recommend this variety for all purposes. Oz., 10c; ¼ lb., 25c; lb., 65c; 10 lbs., \$6.00, postpaid.

**PURPLE TOP WHITE GLOBE.** Well known Turnip, also sold under the name of Red Top White Globe. Grows to good size, 6 inches or more in diameter; nearly round in shape and a rich purplish red on the upper part of the roots which extends above the surface. The lower portion is creamy white. Flesh white, firm, crisp and of remarkably mild flavor. Oz., 10c; ¼ lb., 25c; lb., 65c; 10 lbs., \$6.00, postpaid.

**PURPLE TOP STRAP LEAF.** This is the true strap-leaved, flat-rooted sort, and a very fine stock. It is even in size, regular in shape and the color strongly marked. The upper side of the roots is purple; the lower white. Oz., 10c; ¼ lb., 25c; lb., 65c; 10 lbs., \$6.00, postpaid.

**LONG WHITE or COWHORN.** A long, white-fleshed Turnip, growing half above the ground; although large, it is of fine quality. Oz., 10c; ¼ lb., 25c; lb., 65c; 10 lbs., \$6.00, postpaid.

**WHITE EGG.** Tops small, with distinctly cut leaves. Flesh pure white, very sweet, firm and mild. Oz., 10c; ¼ lb., 25c; lb., 65c; 10 lbs., \$6.00, postpaid.

**SEVEN TOP.** Cultivated extensively in the South for tops, which are used for greens. It is very hardy and will grow all Winter, but does not produce a good root, and is only recommended for the tops. Oz., 10c; ¼ lb., 25c; lb., 65c; 10 lbs., \$6.00, postpaid.

**SOUTHERN PRIZE.** A good salad variety. Oz., 10c; ¼ lb., 25c; lb., 65c; 10 lbs., \$6.00, postpaid.

## YELLOW FLESHED VARIETIES

**AMBER GLOBE or STRAP-LEAVED.** One of the best varieties for table use or for a field for stock. Flesh yellow, fine grained and sweet; color of skin yellow with green top; hardy, keeps well, a good cropper, grows to a large size. Oz., 10c; ¼ lb., 25c; lb., 65c; 10 lbs., \$6.00, postpaid.

**GOLDEN BALL or ORANGE JELLY.** A distinct yellow Turnip that is grown extensively for home consumption on account of its fine quality. The flesh is of a very fine texture. Its beautiful color and fine flesh have earned for it the synonym of "Orange Jelly." The bulb is of medium size, small tap root. Oz., 10c; ¼ lb., 25c; lb., 65c; 10 lbs., \$6.00, postpaid.

**YELLOW ABERDEEN.** This is a highly approved cattle Turnip, attaining a large size. It is solid, nutritious, a good keeper, and in every respect reliable. Oz., 10c; ¼ lb., 25c; lb., 65c; 10 lbs., \$6.00, postpaid.

# RUTABAGA, OR SWEDISH TURNIP

Rutabagas are principally grown for Winter crop. The roots grow to an enormous size; flesh tender and sweet. They are excellent for the table, and greatly relished by stock.

**AMERICAN PURPLE TOP YELLOW.** A very productive type with yellow flesh, solid, sweet and fine flavored. It is equally good for stock or table use and is generally considered the best of all yellow Turnips. Oz., 10c; ¼ lb., 25c; lb., 75c; 10 lbs., \$6.50, postpaid.

# HERBS

**SWEET BASIL.** An annual herb, native of India, growing 1 foot high, with green leaves and white flowers. The aromatic leaves are used for seasoning and occasionally for medicinal purposes. Very late maturity makes it desirable to start in hotbed. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

**DILL.** An annual growing to a height of 2½ feet. The flowers are bright yellow. The dried seeds are used as a condiment and also for pickling and flavoring. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00, postpaid.

**FLORENCE FENNEL.** An Italian vegetable which has a taste similar to Celery, but sweet and more delicate in flavor. Seeds can be sown from March to middle of July. Roots grow to an enormous size. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

**SWEET MARJORAM.** A perennial grown as an annual. The flowers are small and white. The leaves and shoots are used for seasoning purposes. Large pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$3.00, postpaid.

**SAGE.** A perennial sown in either Spring or Fall. The leaves are used for medicinal and seasoning purposes. Large pkt., 10c; oz., 50c; ¼ lb., \$1.70; lb., \$6.00, postpaid.

**SUMMER SAVORY.** A highly fragrant annual plant. Height 10 inches. The leaves and young shoots are used for flavoring. Large pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**THYME, Broad-Leaved English.** A perennial herb usually planted in permanent beds. The seed is sown in the early Spring. The leaves and young shoots are used for seasoning, either while green or when dried. Large pkt., 10c; oz., 50c; ¼ lb., \$1.70; lb., \$6.00, postpaid.



# WILLIAMS' FARM AND FIELD SEEDS

Prices on Field Seed Fluctuate. Write for Prices on Large Quantities.

## SELECTED FIELD CORN

Plant 8 to 10 quarts per acre in hills for shelled Corn or for silo;  $1\frac{1}{2}$  to 2 bushels broadcast for fodder.

**BLOUNT'S PROLIFIC.** On good land, especially on river low grounds, Blount's Prolific bears from 2 to 4 good ears to the stalk. Lb., 20c, postpaid. Pk. (14 lbs.), \$1.15; bu. (56 lbs.), \$4.00, not prepaid.

**HICKORY KING** Lb., 20c, postpaid. Pk. (14 lbs.), \$1.00; bu. (56 lbs.), \$3.50, not prepaid.

**IMPROVED WHITE DENT.** Improved White Dent has been the reliable old stand-by with southern Corn growers, and its merits are generally recognized. Lb., 20c, postpaid. Pk. (14 lbs.), \$1.00; bu. (56 lbs.), \$3.50, not prepaid.

**LATHAM'S DOUBLE.** (120 days.) A heavy yielding white grain Corn, rather a vigorous grower, full foliage, two well matured ears to the stalk. A high position attained both in official test and private planting. Lb., 20c, postpaid. Pk. (14 lbs.), \$1.15; bu. (56 lbs.), \$4.00, not prepaid.

**NORFOLK MARKET.** (See page 8.) Pkt., 10c; lb., 25c; 2 lbs., 45c, postpaid. Pk. (14 lbs.), \$1.65; bu. (56 lbs.), \$5.60, not prepaid.

**TRUCKERS' FAVORITE.** (See page 8.) Lb., 20c, postpaid. Pk. (14 lbs.), \$1.50; bu. (56 lbs.), \$5.60, not prepaid.

**SNOWFLAKE.** The ears are large, the grains deep, it matures in about 100 days, and it nearly always carries two ears to the stalk. Lb., 20c, postpaid. Pk. (14 lbs.), 90c; bu. (56 lbs.), \$3.50, not prepaid.

**VIRGINIA ENSILAGE.** This continues to be one of the most satisfactory ensilage Corns, making a large growth of broad, thick, succulent fodder. Lb., 20c, postpaid. Pk. (14 lbs.), 85c; bu. (56 lbs.), \$3.00, not prepaid.

**W. S. C. VIRGINIA YELLOW DENT.** One of the best standard yellow varieties for this section, making a good growth of stalk and fodder, but not recommended for thin soils. As it is very early it may be planted later than other yellow sorts. Our stock is carefully selected each year and will be found entirely satisfactory in every respect. Lb., 20c, postpaid. Pkt. (14 lbs.), \$1.25; bu. (56 lbs.), \$4.00, not prepaid.

## BUCKWHEAT

Sow about the middle of June, broadcast, at rate of 1 bushel to the acre, or  $\frac{1}{2}$  bushel in drills.

**JAPANESE.** Earlier, more prolific and yields nearly double the weight per acre of other sorts. Lb., 20c, postpaid.

## KAFFIR CORN

A great hay and grain crop, produces 5 to 10 tons of hay of the finest quality per acre. Greatly relished by all live stock. Average yield, 50 bushels per acre. Broadcast or drill 50 to 60 lbs. per acre. Lb., 20c, postpaid.

## COW PEAS

### THE SOUTH'S ECONOMICAL SOIL-IMPROVING AND HAY CROP

Of great soil-improving value, also making a fine, nutritious green foliage or hay crop, enriching the soil when the crop is cut off. Should be sown from May to July, at rate of  $1\frac{1}{2}$  bushels to acre, either broadcast or in wheat drills.

Prices on Cowpeas continually fluctuate. Write for quotations.

**BLACK.** A standard variety, very prolific and early maturing, making a large growth of vine and a heavy yield of Peas. Fine also for forage. Lb., 20c, postpaid.

**EARLY, OR RAMSHORN BLACK EYE.** Similar in growth of vine but making larger yield than Black Eye, and maturing quicker. Lb., 25c, postpaid.

## SOY, OR SOJA BEANS

**MAMMOTH YELLOW.** The largest and most popular variety for forage purposes. A little later in maturity than other kinds, but makes larger yields, both of forage and seed. Especially valuable for this section and farther south. Lb., 20c, postpaid.

## CANADA FIELD PEAS

### FOR FODDER AND GREEN-MANURING

Canada Field Peas make a fattening and milk producing food that will grow on land that will not produce a grain crop and at the same time improve the soil by gathering and storing nitrogen—in this respect it is almost equal to the clovers. Lb., 15c, postpaid. Bu. (60 lbs.), write for prices.

## DWARF ESSEX RAPE

Excellent for grazing sheep, hogs and all kinds of stock. Especially valuable for sheep and hogs with young, as it is an excellent milk producer. Sow 10 lbs. to the acre broadcast; 5 lbs. if drilled. Lb., 20c, postpaid. 5 lbs., 75c; 100 lbs., \$12.50, not prepaid.

## GOLDEN MILLET

### (CHOICE TENNESSEE GROWN)

To have the finest millet hay, sow thickly, not less than a bushel to the acre, from the middle of May till the end of July. Thin seeding makes coarse stems and a poorer hay. Sow only Southern grown Millet. Lb., 15c, postpaid. Write for prices on larger quantities.

## OATS

**BURT, OR NINETY DAY.** The quickest growing, most prolific and free from rust, healthy, clean and makes a vigorous growth of straw, besides a good yield of grain. Write for prices.

**FULGHUM OATS.** The Fulghum is probably the most popular of the rust-proof varieties, and one of the earliest. Write for prices.

## SEED RYE

**ROSEN RYE.** This variety, which was originated by the Michigan State Agricultural Experiment Station, has long broad heads with larger, plumper berries than other varieties. Is generally regarded as yielding from 5 to 15 bushels more per acre than ordinary rye. Lb., 15c, postpaid.

**ABRUZZI.** A new importation, and much is claimed for it. The Abruzzi variety has a very rapid growth and stools enormously on average soil. Write for prices.

## SORGHUM

**EARLY AMBER.** Furnishes a large yield of most nutritious forage, good either green or cured, and yielding 2 to 3 cuttings a year, stooling out thicker each time it is cut. Grows 10 to 12 feet high. Sow at rate of a peck to acre, in drills 3 to 4 feet apart; broadcast, 1 to  $1\frac{1}{4}$  bushels to acre. Lb., 20c; 5 lbs., 75c, postpaid.

**EARLY ORANGE.** Larger than Amber, maturing ten days later. Lb., 25c; 5 lbs., \$1.00, postpaid.

## VETCHES

**SPRING VETCHES or TARES** (*Vicia sativa*). Highly valuable for soiling or for green manuring. Use 2 to 3 bushels per acre broadcast; 1 to 2 bushels in drills. Lb., 20c, postpaid.

**WINTER VETCHES or TARES** (*Vicia villosa*). Also called Sand Vetch or Hairy Vetch. Recommended for Fall sowing. Sow 1 bushel of the seed per acre, with 1 bushel of rye. Lb., 25c, postpaid.

# WILLIAMS' RECLEANED GRASSES

PRICES ON FIELD SEED FLUCTUATE. WRITE FOR PRICES ON  
LARGE QUANTITIES

**BERMUDA GRASS** (*Cynodon dactylon*). A most valuable grass for the southern course. It grows on all types of soils and particularly land that is well limed. Sow 10 to 15 lbs. to the acre. Lb., 65c; 100 lbs., \$55.00. (Bu. 35 lbs.)

**CARFET GRASS.** One of the most valuable pasture grasses for the lower South. It grows on poor, sandy soils better than Bermuda and does well on most any soil with a fair amount of moisture. For lawns and golf courses it will make a heavy sod. Sow 10 lbs. per acre for pasture, twice this for lawns, from early Spring until July. Lb., 65c; 100 lbs., \$55.00.

**CREEPING BENT.** This is undoubtedly one of the finest grasses for putting greens. Does well on all soil, particularly on light, moist land. Sow 2 bushels per acre. Lb., \$1.15; 100 lbs., \$100.00. (Bu. 20 lbs.)

**KENTUCKY BLUE GRASS** (*Poa pratensis*). A true perennial, lasting indefinitely and improving every year. It succeeds well on all soils, especially where lime is used. It is frequently used on putting greens. Sow 3 bushels per acre. Lb., 45c; 100 lbs., \$30.00. (Bu. 14 lbs.)

**ORCHARD GRASS** (*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Sow 50 lbs. per acre. Lb., 35c; 100 lbs., \$25.00. (Bu. 14 lbs.)

**PERENNIAL RYE GRASS** (*Lolium perenne*). This variety is used in a mixture for fairways and where a quick turf is desired. It produces a verdant growth four or five weeks after sowing. Sow 3 bushels per acre. Lb., 30c; 100 lbs., \$20.00. (Bu. 24 lbs.)

**RED TOP FANCY** (*Agrostis palustris*). Red Top is a remarkable grass accommodating itself to a variety of soils and conditions. It grows well on wet land. It is strongly drought-resistant and flourishes on soils so very poor in lime that most other grasses fail. A valuable grass for fairways. Sow 1 bushel per acre. Lb., 40c; 100 lbs., \$30.00. (Bu. 32 lbs.)

**ITALIAN RYE GRASS.** Yields three or four cuttings a year of most nutritious hay; a very valuable grass, particularly adapted for rich, loamy soils or low grounds; does better in damp situations than most grasses. Recommended principally for Fall seeding. Sow 50 lbs. per acre. Lb., 25c; 100 lbs., \$15.00. (Bu. 20 lbs.)

**SHEEP'S FESCUE** (*Festuca ovina*). An excellent grass to grow on poor, sandy soils for fairways, when mixed with other grasses, as it helps to make a durable sward. For the "rough," on sandy, dry soil, it is excellent. Sow 2 bushels per acre. Lb., 55c; 100 lbs., \$40.00. (Bu. 14 lbs.)

**SUDAN GRASS.** A tall annual grass, growing 6 to 8 feet high when drilled, but when sown broadcast, thickly, does not grow quite so tall. Will produce more hay to the acre than any grass that has ever been introduced. Allows 3 to 4 cuttings, and produces 2 to 5 tons per acre, depending upon the soil. Can either be drilled at the rate of 2 to 3 lbs. per acre in 3-foot rows or broadcast at the rate of 15 to 25 lbs. per acre. Plant from March to August. Lb., 20c; 100 lbs., \$1.50; 100 lbs., \$10.00, not prepaid. (Bu. 35 lbs.)

**TIMOTHY.** The most extensively grown hay grass. One-half bushel sows an acre. For hay, Timothy is the best known and most extensively grown of all grasses. Lb., 20c; 100 lbs., \$12.00. (Bu. 45 lbs.)

**PERMANENT PASTURE AND HAY MIXTURE.** A mixture of varieties which will form a permanent pasture that lasts for years. Composed chiefly of native and acclimated grasses, which have been found to be best. Sow on new land which has been plowed and harrowed, at the rate of 80 pounds per acre; on ground partly covered, about 40 pounds per acre. Lb., 40c; 100 lbs., \$30.00.

## CLOVERS

**ALFALFA or LUCERNE** (*Medicago sativa*). The most valuable forage crop on the American farm today. It is sown during May, August and September, these being the best months for success, although it can be sown at other times with a possible chance of doing well. Careful preparation of the soil previous to sowing is the main thing. Sow not less than one bushel (30 lbs.) per acre, preferably with no other crop. Lb., 50c; 100 lbs., \$40.00.

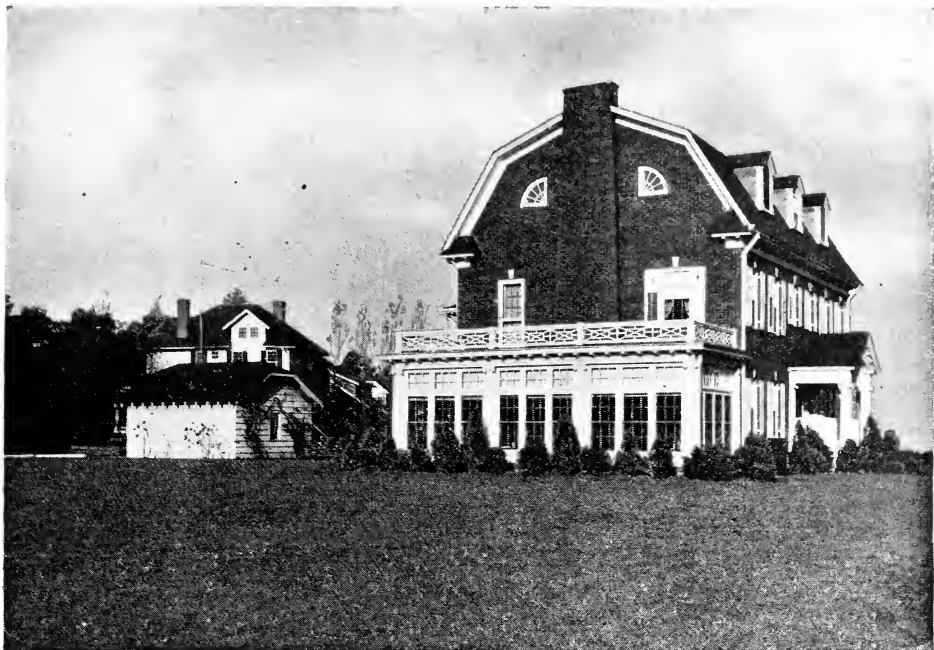
**ALSIKE or SWEDISH CLOVER** (*Trifolium hybridum*). One of the best for mixing with timothy; it is perfectly hardy in every climate. Under ordinary conditions it grows from 1 to 2 feet high; it is sown early in the Spring or late Summer. It is as nutritious as red clover and is a valuable farm crop. Sow 10 to 15 lbs. per acre alone, or 8 lbs. per acre with timothy. Lb., 45c; 100 lbs., \$35.00.

**CRIMSON CLOVER** (*Trifolium incarnatum*). Principally used for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers. Sow any time from April to October, the earlier the better, 20 lbs. per acre. If sown in early Spring it can be plowed down the first year. Late Summer or Fall seeding is usually practiced. It is not hardy for more than one season and must be sown each year. Lb., 25c; 100 lbs., \$20.00.

**RED CLOVER, MEDIUM** (*Trifolium pratense*). More widely known and used than any other; used principally for hay purposes. Height from 18 inches to 2½ feet. Sow early in the Spring or in late Summer—July and August; if alone, 20 lbs. per acre; if with other crops, 10 lbs. per acre. A Red Clover field can be cut twice a season. Lb., 45c; 100 lbs., \$35.00.

**WHITE DUTCH or LAWN CLOVER** (*Trifolium repens*). This is valuable for pasturage as well as for lawns; it succeeds where other Clovers and grasses fail, and it seldom dies out. It can be sown at all seasons, although early Spring is best. Sow 10 to 12 lbs. per acre if alone, or 5 lbs. if sown with other crops. Oz., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 65c; 100 lbs., \$55.00.

# WILLIAMS' FAMOUS LAWN GRASS MIXTURE



The essentials for a fine lawn are: First, a rich, well drained soil; second, careful preparation of the ground, making it as fine and smooth and mellow as possible; third, wise selection of seeds; fourth, sowing at such time as to give the young plants a chance to become well established before being subjected to very dry or cold weather or to the direct rays of the hot summer sun. However much care is bestowed on the soil and seed, no lawn will be beautiful without frequent mowing and rolling. Too much care cannot be bestowed upon the selection of grasses, as some varieties are the most luxuriant in the Spring, others in Summer, other again in Autumn and a combination of the proper sorts is required for a perfect, carpet-like lawn. It may be planted early in Spring or Fall and should be sown at the rate of 80 to 100 pounds per acre. If sown in the Spring, sow as early as possible, making the surface very fine and smooth, then raking it over and sowing the seed just before a rain, which, if the surface has just been raked, will cover the seed sufficiently. For Fall seeding sow, before the Autumn rains and early enough to enable the young grass to become well established before very cold weather, when a light dressing of manure should be given.

## WILLIAMS EMERALD LAWN GRASS SEED

This famous Lawn Grass Seed Mixture has been thoroughly tested and proved the best for our southern climate. The seed should be sown thickly on newly raked or harrowed surface, covering with soil about one-quarter inch deep. This may be accomplished by raking the surface first in one direction and then in an opposite direction. When the raking is finished roll the ground thoroughly with a heavy iron roller. Williams' Special Fertilizer applied as a top dressing every few months will produce the much desired fine green surface. Sow 1 lb. to every 200 square feet; 100 lbs. to the acre. Price, 1 lb., 50c; 2 lbs., 95c; 5 lbs., \$2.25; 10 lbs., \$4.25; 20 lbs., \$8.00; 100 lbs., \$35.00, prepaid parcel post or express.

**SHADY PLACE LAWN SEED.** There is nothing more annoying in caring for a lawn than the bare, unsightly spots under the trees, shrubs, etc., and invariably all efforts have failed to get the grass to grow in such places; but, by sowing this mixture, the difficulties will be overcome. Price, 1 lb., 60c; 2 lbs., \$1.00; 5 lbs., \$2.50; 10 lbs., \$4.75; 20 lbs., \$9.00, postpaid.

**WILLIAMS' LARCHMONT LAWN GRASS SEED.** Undoubtedly the best results with the lawn depend upon the use of the proper grasses. Our formula comprises a well balanced blend of fine bladed and deep-rooting varieties which have given satisfactory results under the varied conditions of soils and climate. This mixture will produce a smooth, green, velvety sod. We include only sufficient clover to help thicken the bottom of the sod. Lb., \$1.00; 10 lbs., \$9.00; 100 lbs., \$75.00, prepaid.

**WILLIAMS' SEASHORE MIXTURE.** A mixture of fine grasses peculiarly suited to seaside lawns and with a liberal top dressing of Wilco Humus will give excellent results. Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 20 lbs., \$8.00, prepaid.

**TENNIS COURT MIXTURE.** A mixture of grasses adapted for tennis courts, this formula will make a firm, green and lasting turf which will improve with trampings. 5 lbs., \$3.50; 25 lbs., \$16.00; 100 lbs., \$60.00, prepaid.

**GOLF LINKS MIXTURE.** We have made a special study of grasses especially adapted for golf links and the mixture we offer comprises only fine bladed varieties which will withstand frequent cutting and trampling. Prices on application.

**WHITE CLOVER**—White Dutch or Lawn Clover (*Trifolium Repens*). This is valuable for pasturage as well as for lawns; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons, although early Spring is best. Sow 10 to 12 lbs. per acre if alone, or 5 lbs. if sown with other crops. Oz., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 65c; 100 lbs., \$55.00.

# WILLIAMS' FLOWER SEEDS

ALL FLOWER SEEDS ARE POSTPAID AND WE GUARANTEE  
SAFE DELIVERY TO YOUR HOME.

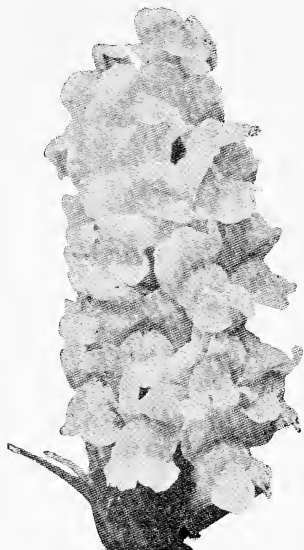
We give close attention to this department. Our constant aim is to secure the very best strains obtainable, and spare no pains or expense with this object in view.

**CULTURE.** Light, rich loam is most suitable for flowers. The soil should be finely pulverized for best results. This is of paramount importance if one wishes to grow them successfully. They, in common with all other seeds, should be sown thinly and the soil pressed firmly over them when covered. Water frequently. A good plan is to sow the seed in rows about 4 inches apart, cover the seed about three times its size, then transplant to the permanent garden later. This applies to all the small seeded varieties with the exception of the annual Poppies which should not be transplanted but the plants thinned out. The large seeded varieties as Gourds, Nasturtiums, Ricinus and Sunflower should be planted where they are to bloom. This also applies to annual climbers as they are very difficult to transplant successfully.

**ANNUALS** are those flowers that attain their full growth, bloom and die the first year. Among these are the Asters, Balsam, Cosmos, Zinnias, Mignonettes, Sweet Peas, Nasturtiums, Morning Glories and other brilliant and fragrant sorts.

**BIENNIALS** produced from seed generally flower the first and second year and then die, the life of the plant being two seasons. The best examples of this type are Canterbury Bells and Foxgloves. Biennials and perennials should be started in late summer or early fall to get the earliest and best blooms. They may be transplanted into their permanent position as soon as they are large enough, which is usually in November.

**PERENNIALS** usually do not flower the first year, unless started early in the season. Perennials live and blossom year after year. These sorts constitute the "Hardy Flowers," such as Hollyhocks, Sweet William, etc.



Antirrhinum, Maximum

## ACHILLEA—Ptarmica "The Pearl"

Hardy White Perennial grows about two feet high. Pure white flowers. Pkt., 20c.

**ACONITUM—Napellus (Monk's Head)**  
Blue. Pkt., 10c.

**ACROCLINUM.** An "Everlasting"; can be dried and used in winter bouquets. Also fine for borders. Fifteen inches high. Mixed colors. Pkt., 10c; ½ oz., 25c.

## AGERATUM (Floss Flower)

Excellent for bedding or borders; blooms from early Summer till frost. Beautiful feathery flowers.

**BLUE PERFECTION.** This is the darkest colored of all large flowering Ageratums. Color deep amethyst-blue; compact growth; fine bedder. Pkt., 10c; ½ oz., 35c.

**IMPERIAL DWARF BLUE.** Clear blue; 8 inches. Pkt., 10c; ½ oz., 35c.

**IMPERIAL DWARF WHITE.** 8 inches. Pkt., 10c; ½ oz., 35c.

## AGROSTEMMA

An attractive free-flowering hardy perennial. Fine for cutting. Mixed colors. Pkt., 10c; ½ oz., 20c.

## ALYSSUM (Mad Wort)

Very popular for baskets, edgings, rockwork or beds. Blooms all Summer; very fragrant.

**LITTLE GEM.** Dwarf, compact plants, densely covered with large, white flowers; commences to bloom when quite small; height 4 inches. Pkt., 10c; ½ oz., 35c; oz., 60c.

**SWEET (Maritimum).** The popular old-fashioned sort; the best for broad edges and vases. Pure white; height 9 inches. Pkt., 10c; ½ oz., 25c; oz., 40c.

**SAXATILE COMPACTUM (Basket of Gold).** An ideal hardy perennial plant, flowering in May; showy golden yellow flowers; blooms the first season if sown early indoors; excellent for rockwork. Height 1 foot. Pkt., 10c; ¼ lb., 35c.

## ANCHUSA

**ITALICA.** Dropmore variety; lovely gentian blue; grows three to five feet high. Pkt., 10c; ¼ oz., 30c.

## ANTHEMIS (Hardy Marguerite)

**TINCTORIA KELWAYI.** A handsome, hardy perennial, bearing all Summer, daisy-like, bright yellow flowers. 3 feet. Pkt., 10c; 3 pkts., 25c.

## AMARANTHUS

Very showy plants, some remarkable for their panicles of showy flowers and others for the brilliant range of colors in the leaves.

**CAUDATUS (Love Lies Bleeding).** Long red panicles. Pkt., 10c; ½ oz., 30c.

**TRICOLOR (Joseph's Coat).** Red, yellow and green leaves. Pkt., 10c; ¼ oz., 25c.

**MIXED.** All sorts. Pkt., 10c; ¼ oz., 25c.

## ANTIRRHINUM (Snapdragon)

This is considered one of the finest perennials which may be flowered from seed the first year. Seed may be sown in the open ground early in April and be had in bloom in July, but it is best to start the plants indoors in March and transplant the seedlings out-of-doors as soon as weather will permit.

## LARGE FLOWERING GIANT VARIETIES

A splendid strain growing about 30 inches high, with long spikes of large flowers.

**BRILLIANT ROSE.** Deep rose.

**CARDINAL.** Bright scarlet.

**CRESCIA.** Dark velvety red.

**GOLDEN KING.** Rich yellow.

**QUEEN VICTORIA.** Pure white.

**ROSE QUEEN.** Soft pink.

Price, all above varieties: Pkt., 10c; ½ oz., 40c.

**MIXED.** All colors. Pkt., 10c; ¼ oz., 35c.

## SUPER-GIANT VARIETIES

A new strain of tall, strong growth producing long spikes of extra large flowers. 3 feet.

**APPLE BLOSSOM.** Apple blossom pink.

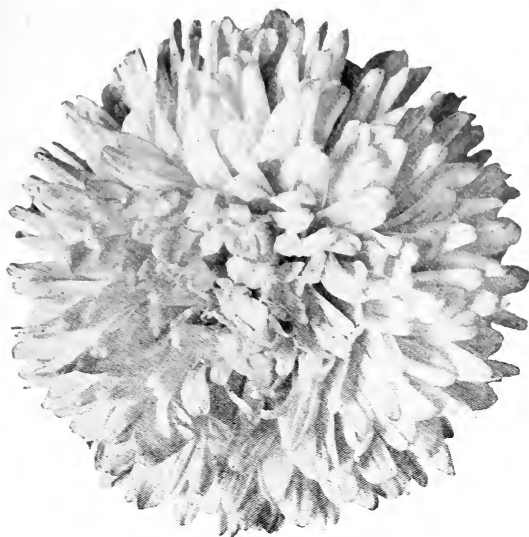
**CATTLEA.** Rosy lilac.

**SNOWFLAKE.** Pure white.

**GOLDEN QUEEN.** Canary yellow.

**GIANT MIXED.** All colors.

Price, all above varieties: Pkt., 20c; ½ oz., 50c.



**Aster, Invincible**

**ANEMONE (Windflower)**

A very pleasing perennial; producing large flowers; fine for bouquets. Mixed colors. Pkt., 10c; Double Mixed, 15c.

**AQUILEGIAS (Columbines)**

These are among the most beautiful of Spring and early Summer flowers; very effective when grown in the herbaceous border and groups among shrubbery. Graceful spurred flowers on stems 2 feet or more above the foliage. Seed sown early in the Spring will in most cases produce plants that will bloom the same season. 2 to 3 feet.

**CALIFORNIA HYBRIDA.** Mixed colors, principally yellow and orange shades; long spurs. Pkt., 15c.

**CHRYSANTHA (Golden Spurred).** Bright golden yellow. Pkt., 10c.

**COERULEA (Rocky Mountain Columbine).** Large flowers, violet-blue and white. Pkt., 10c.

**LONG SPURRED HYBRIDS.** Flowers of many rich and varied colors, with long spurs. Pkt., 15c.

**WHITE.** Long spurred white flowers. Pkt., 15c.

**DOUBLE MIXED.** All colors. Pkt., 10c; ¼ oz., 30c.

**SINGLE MIXED.** All colors. Pkt., 10c; ¼ oz., 30c.

**WILLIAMS' SUPERB ASTERS**

Asters will thrive in any good soil. They should have an open, sunny position, and prefer a good, heavy, loamy soil, enriched with a liberal quantity of bone meal or other good commercial fertilizer.

**INVINCIBLE.** Healthy, robust plants of branching growth, producing on 2-foot stems, massive, well formed flowers, which are always perfectly double.

**Crimson.** Rich bright red. Pkt., 10c; ¼ oz., 60c.

**Deep Blue.** Bright indigo-blue. Pkt., 10c; ¼ oz., 60c.

**Lavender.** Charming silvery lavender. Pkt., 10c; ¼ oz., 60c.

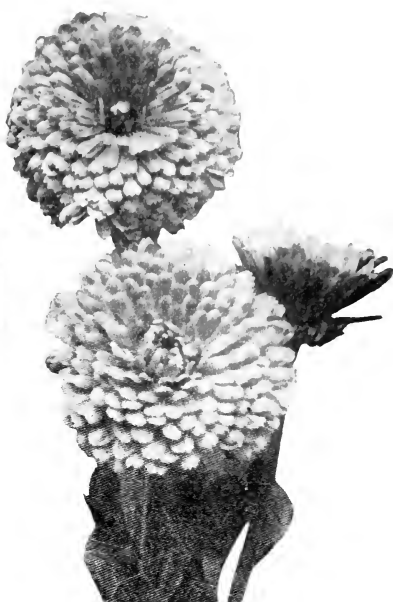
**Rose-Pink.** Bright rose. Pkt., 10c; ¼ oz., 60c.

**Pure White.** Purest snow-white. Pkt., 10c; ¼ oz., 60c.

**Mixed Colors.** Pkt., 10c; ¼ oz., 50c.

**Collection of Invincible Asters.** One pkt. each of the above 5 varieties. 40c postpaid.

**OSTRICH FEATHER.** The flowers of this class resemble the Japanese chrysanthemum with their long, curved, fringelike petals, giving a feathery appearance; of immense size. 1½ feet. Finest Mixed. Pkt., 10c; ¼ oz., 60c.



**Calendula, The Ball**

**SEMPLE'S LATE-FLOWERING.** Superior late-flowering branching Asters. The flowers are large, very double and borne on long stems. They begin blooming about the first of September. 18 inches to 2 feet high.

**CREGO'S GIANT.** We consider this the finest and largest of all Crego Asters, bearing immense, fluffy flowers five inches and over in diameter.

**White.** Pure white. Pkt., 10c; ¼ oz., 75c.

**Pink.** Delicate shell-pink. Pkt., 10c; ¼ oz., 75c.

**Azure-Blue.** Bright blue. Pkt., 10c; ¼ oz., 75c.

**Rose.** Rich deep rose. Pkt., 10c; ¼ oz., 75c.

**Lavender.** Deep lavender. Pkt., 10c; ¼ oz., 75c.

**Crego's Mixed.** All colors. Pkt., 10c; ¼ oz., 60c.

**Collection.** One pkt. each of the above 5 colors, 40c, postpaid.

**PERENNIAL ASTERS (Michaelmas Daisy).** Choice Mixed. One of the showiest of our late flowering, perennial plants; starlike, single flowers. 2 feet. Pkt., 15c; 2 pkts., 25c.

**ARCTOTIS GRANDIS (African Daisy)**

Produces beautiful white flowers with blueish centre; especially valuable as a cut flower, blooms lasting a week or ten days. Pkt., 10c; ¼ oz., 30c.

**ASPARAGUS (Sprengeri)**

Excellent for window boxes, hanging baskets, vases, etc. Pkt., 10c; 50c per 100 seeds.

**AUBRIETIA (Rainbow Rock Cress)**

Dwarf perennial; very attractive in rockwork. Pkt., 10c; ¼ oz., 50c.

**BEGONIAS**

**EVERBLOOMING BEDDING VARIETIES**

The following varieties of Begonia gracilis take rank as bedding plants with geraniums and coleus, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. Easily raised from seed, which should be started either indoors or in a hotbed. 1 foot.

**GRACILIS LUMINOSA.** Brilliant dark scarlet; very effective. Pkt., 25c.

**GRACILIS PRIMADONNA.** Carmine-rose; brown tinted foliage. Pkt., 25c.

**GRACILIS WHITE PEARL.** Snowy-white, green foliage. Pkt., 25c.

**TUBEROUS-ROOTED SINGLE MIXED.** Excellent for indoor culture only. Pkt., 25c.

**TUBEROUS-ROOTED DOUBLE MIXED.** The double form. Pkt., 25c.

### BALLOON VINE—Love-In-A-Puff

This rapid growing annual climber succeeds best in a light soil and sunny situation. The flowers are white and the seed vessels, which resemble miniature balloons, are very interesting to children. Pkt., 10c; oz., 30c.

### BALSAM—Camelia Flowered (Lady Slipper)

An old and favorite flower, producing masses of beautiful brilliant colored double flowers in the greatest profusion. Pkt., 10c; ½ oz., 25c.

### BELLIS (English Daisy)

A low growing Spring flowering plant. Loves a shady place and will reward the gardener with a mass of blossoms for succeeding years, if left undisturbed.

GIANT CRIMSON. Fine color. Pkt., 15c; ½ oz., 75c.

GIANT ROSE. Magnificent strain. Pkt., 15c; ½ oz., 75c.

GIANT WHITE. Perfect double blooms. Pkt., 15c; ½ oz., 75c.

DOUBLE MIXED. Pkt., 10c; ½ oz., 60c.

### CALCEOLARIA

GIANT STRAIN. 1½ feet. Pkt., 40c.

### CALENDULA (Pot Marigold)

Showy free flowering hardy annuals, producing a fine effect in beds or mixed borders. Pkt., 10c; oz., 25c.

ORANGE KING. Deepest orange. Pkt., 10c; ½ oz., 25c.

BALL'S STRAIN. Bright, glowing orange; large and double. Pkt., 15c; ½ oz., 75c.

LEMON KING. Lemon-yellow. Pkt., 10c; ½ oz., 25c.

MIXED. Pkt., 10c; ½ oz., 20c.

### CALLIOPSIS

Showy and beautiful free-flowering annuals. Pkt., 10c; ½ oz., 25c.

### CANARY BIRD VINE

TROPAEOLUM CANARIENSE. A beautiful rapid growing annual climber, the charming little canary-yellow blossoms bearing a fancied resemblance to a bird with its wings half expanded. Pkt., 10c; ½ oz., 25c.

### CANDYTUFT—Iberis Umbellata

The annual Candytufts are universally known and cultivated, and considered indispensable for cutting. 1 foot.

CRIMSON. Rich deep shade. Pkt., 10c; ½ oz., 30c.

FLESH PINK. Delicate Pink. Pkt., 10c; ½ oz., 30c.

LAVENDER. Delicate shade of rosy lavender. Pkt., 10c; ½ oz., 30c.

ROSE CARDINAL. Brilliant deep rosy red; one of the most effective for bedding. Pkt., 10c; ½ oz., 30c.

MIXED. A splendid mixture containing all the colors. Pkt., 10c; ½ oz., 25c.

GIANT HYACINTH-FLOWERED. A wonderfully improved strain of the popular Empress Candytuft. Pure white flowers. Pkt., 10c; ½ oz., 40c.

GIBALTARICA HYBRIDA (Hardy Candytuft). White shading to lilac. Pkt., 10c; ½ oz., 50c.

### CARDINAL CLIMBER

#### (Ipomoea Quamoclit Hybrida)

A beautiful annual climber; a rapid grower and free bloomer; the vines branch freely, covering a large space very quickly and growing to a height of 20 to 30 feet. Bears a profusion of fiery, cardinal-red flowers, which are about 1½ inches in diameter. Pkt., 15c; ½ oz., 60c.

### CANTERBURY BELLS

CAMPANULA MEDIUM. Showy, hardy biennial, growing about 3 feet high; of pyramidal form and covered with large, bell-shaped flowers.

Single Blue. Pkt., 10c; ½ oz., 30c.

Single Pink. Pkt., 10c; ½ oz., 30c.

Single White. Pkt., 10c; ½ oz., 30c.

Single Mixed. Pkt., 10c; ½ oz., 25c.

Double Blue. Pkt., 10c; ½ oz., 75c.

Double Pink. Pkt., 10c; ½ oz., 75c.

Double White. Pkt., 10c; ½ oz., 75c.

Double Mixed. Pkt., 10c; ½ oz., 60c.

CAMPANULA MEDIUM CALYCANTHEMA (Cup and Saucer Canterbury Bells). These produce beautiful, large, single flowers, resembling a cup and saucer.

Blue. Pkt., 10c; ½ oz., 50c.

Pink. Pkt., 10c; ½ oz., 50c.

White. Pkt., 10c; ½ oz., 50c.

Mixed. Pkt., 10c; ½ oz., 40c.

### CARNATION (Marguerite)

Most popular and valued highly for their delicious fragrance and richness of colors. Mixed. Pkt., 10c; ½ oz., 50c.

CHABAUD'S EVERBLOOMING. This large flowering strain blooms five months after being sown and continues to bloom indefinitely. 18 inches.

Pink. Pkt., 20c. Scarlet. Pkt., 20c.

White. Pkt., 20c. Yellow. Pkt., 20c.

Mixed. Pkt., 15c; ½ oz., 60c.

### CELOSIA—Cristata

#### (CRESTED COCKSCOMB)

Very desirable annuals of easy culture, producing large, brilliant, comblike heads.

CHOICE MIXED. Dwarf varieties. Pkt., 10c; ½ oz., 60c.

### CELOSIA—Plumosa

#### (FEATHERED COCKSCOMB)

A splendid decorative plant for the garden. The feathery plumes are produced on long stems and are excellent for cutting. Can also be cut and dried for Winter bouquets.

CHOICEST MIXED. All colors. Pkt., 10c; ½ oz., 60c.

CHILDSI (Chinese Woolflower). Pkt., 10c; 3 pkts., 25c.

### CENTAUREA

CANDIDISSIMA (Dusty Miller). Extensively used for ribbon beds, edgings, vases, etc. The foliage is silvery gray. 1 foot. Pkt., 10c; 3 pkts., 25c.

CYANUS (Cornflower or Bachelor's Button). Also known as Blue Bottle, Ragged Sailor, Bluet, etc. An old favorite garden annual, flowering freely in almost any situation; excellent for cutting; 2 feet.

Double Blue. Large flowering. Pkt., 10c; ½ oz., 25c.

Double Rose. Pkt., 10c; ½ oz., 25c.

Double Mixed. Pkt., 10c; ½ oz., 20c.

IMPERIALS (Sweet Sultan). The finest of all Sweet Sultans for cut flower purposes; gigantic, beautiful, sweet scented flowers borne on long stems. Height 2 to 3 feet. Pkt., 10c.

### CHRYSANTHEMUMS

The plants average 2 feet in height, and bear their daisy-like flowers in great profusion on strong stems.

SINGLE ANNUAL VARIETIES MIXED. Choice, Pkt., 10c; 3 pkts., 25c.

DOUBLE ANNUAL VARIETIES MIXED. Mixture of double varieties. Pkt., 10c; 3 pkts., 25c.

### CINERARIA

Most ornamental plants for conservatory or house decoration.

GRANDIFLORA, PRIZE MEDIUM TALL. Mixed colors; desirable as a decorative plant. 1½ feet. Pkt., 50c.

### CLARKIA—Elegans

A mixture containing all the colors. Double Flowering. Pkt., 10c; ½ oz., 40c.

### CLEMATIS

Feathery, fragrant flowers in clusters, perfectly covering the vines. Height 25 to 30 feet. Pkt., 10c.

### COBEA (Cup and Saucer Vine or Cathedral Bells)

Elegant, rapid growing climbers, attaining a height of 20 to 30 feet. Desirable for covering walls, trellis, arbors, etc.

SCANDENS. Purple flowers. Pkt., 10c.

### COLEUS

Very popular and novel foliage plants for house or garden culture. Pkt., 25c.



Larkspur, Stock Flowered

### COREOPSIS

**LANCEOLATA GRANDIFLORA.** This is one of the finest of hardy plants, with large, showy, bright yellow flowers, produced in the greatest abundance from June till frost. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

### COSMOS

Beautiful Autumn flowers; fine for cutting, and extremely showy in the garden. Our Giant Lady Lenox grows 7 feet high, and begins blooming in September.

**GIANT LATE-FLOWERING or LADY LENOX.**

Huge flowers, often measuring 5 inches across, on long stems. It is best to start seed of the late-flowering Cosmos in the frame in March and April.

Crimson. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

Pink. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

White. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

Mixed. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**GIANT EARLY-FLOWERING.** From seeds sown in May, plants begin to bloom in July and continue until frost. Height 4 feet.

Mixed. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**CRESTED or ANEMONE-FLOWERED.** The flowers are double crested, having double centers, with a row of guard petals around the base, which make them very effective. The colors are pink, crimson and white, offered in mixture. Pkt., 15c; 2 pkts., 25c.

### COWSLIP—Primula Veris

**MIXED.** A beautiful hardy Spring-flowering perennial; flowers of different colors, such as yellow, brown-edged yellow, etc. Very fragrant. 6 inches. Pkt., 15c; 2 pkts., 25c.

### CYCLAMEN

Charming greenhouse plants with beautiful foliage and rich colored flowers of enormous size, borne well above the foliage on long, stiff stems.

**PERSICUM.** A very fine strain, not so large but easier to grow than the Giants; mixed colors. Pkt., 25c.

### CYNOGLOSSUM AMABILE

**CHINESE FOR-GET-ME-NOT** This annual was recently introduced from China. The flowers are a beautiful shade of deep blue on long graceful branches. 2 feet. Pkt., 15c;  $\frac{1}{4}$  oz., 40c.

### CYPRESS VINE

Popular vine, fernlike foliage and masses of beautiful small star-shaped flowers. Mixed colors. Pkt., 10c;  $\frac{1}{2}$  oz., 35c.



Hollyhock, Choice Mixed

### DAHLIAS

One of the most popular Summer and Autumn flowering plants. Very easily grown from seed. We offer the best in double varieties. Pkt., 15c;  $\frac{1}{8}$  oz., 75c.

### DELPHINIUM (Hardy Larkspur)

These beautiful flowers, so well known, are very large and of various colors, shades and markings.

**BELLADONNA.** New. Beautiful turquoise-blue, and a continuous bloomer; spikes of good size. Pkt., 25c; 5 pkts., \$1.00.

**FORMOSUM.** Bright blue flowers with white center. Pkt., 25c;  $\frac{1}{4}$  oz., 75c.

**GOLD MEDAL HYBRIDS.** This is one of our most important specialties, and is unquestionably the finest strain of mixed hybrids ever offered. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. Pkt., 15c; 2 pkts., 25c.

### DIDISCUS—Blue Lace Flower

**COBRULEA.** Blooms profusely from July till November. The exquisite pale lavender blossoms are excellent for cutting; plants grow about 18 inches high, and have as many as fifty flowers open at one time. Pkt., 15c; 2 pkts., 25c.

### DIGITALIS—Foxglove

Handsome ornamental hardy plants of stately growth. Produce long spikes of beautiful, tubular flowers. 4 feet.

**GLOXINIAEFLORA ROSE.** Pkt., 10c; 3 pkts., 25c.

**GLOXINIAEFLORA PURPLE.** Pkt., 10c; 3 pkts., 25c.

**GLOXINIAEFLORA WHITE.** Pkt., 10c; 3 pkts., 25c.

**GLOXINIAEFLORA MIXED.** Pkt., 10c;  $\frac{1}{4}$  oz., 40c.

**THE SHIRLEY.** (New). Magnificent strain, enormous flowers; pure white to deepest rose. Pkt., 15c; 2 pkts., 25c.

### DIANTHUS—Pinks

Dianthus are better known as Old Fashioned Pinks. They grow well in almost any kind of soil and location. However a fairly heavy and fertile soil will give the healthiest plant, largest blooms and richest colors.



## Double Annual Varieties

**LUCIFER.** Brilliant orange-scarlet, flowers measuring about 2 inches across; very dazzling and popular variety; nicely fringed. Pkt., 15c; 2 pkts., 25c.

**SALMON KING.** Brilliant salmon-rose. Pkt., 15c; 2 pkts., 25c.

**SNOWBALL.** Large, double white; excellent for border or cutting. Pkt., 15c; 2 pkts., 25c.

**HEDDEWIGI FL. PL.** (Double Japan Pink). Double mixed, colors varying from richest crimson to most delicate rose. Pkt., 10c; 3 pkts., 25c.

## Single Annual Varieties

**SINGLE MIXED.** All large flowering varieties unrivaled for their brilliancy and rich variety of color. They bloom in perfect succession during the whole summer and autumn in such numbers as fairly to crowd each other for room. Pkt., 10c; ¼ oz., 25c.

## HARDY GARDEN PINKS

These form low, bushy, tufted plants, above which are produced, on long stems, the beautiful fringed and fragrant flowers so valued in "old-fashioned" gardens. For permanent beds and borders these Pinks are unrivaled.

**PLUMARIS.** Single Mixed. (Scotch Pink, Grass Pinks or Pheasant-eye Pinks). Large, fragrant flowers of beautiful colors and finely fringed. Pkt., 10c; 3 pkts., 25c.

**PLUMARIS.** Double Mixed. (Double Hardy Garden Pinks). Fringed, fragrant flowers in many shades, pink red and white with some spotted and variegated varieties. Pkt., 15c; 2 pkts., 25c.

## DIMORPHOTHECA (Orange Daisy)

An extremely showy annual Daisy from South Africa, which suits our climatic conditions perfectly. Pkt., 10c.

## DOLICHOS (Hyacinth Bean)

A rapid growing annual climber, flowering freely in erect racemes, followed by ornamental seed pods. Pkt., 10c; oz., 30c.

## ESCHSCHOLTZIA (California Poppy)

Very beautiful and brilliant annual. They will grow nicely and bloom profusely over a long season in any sunny position.

**GOLDEN WEST.** Bright yellow with a large blotch of deep orange at the base of the petals. This is a most beautiful variety with large flowers. Pkt., 10c; ¼ oz., 25c.

**CHOICE MIXED.** Pkt., 10c; ¼ oz., 30c.

## GAILLARDIA—Blanket Flower

### ANNUAL VARIETIES

A splendid garden flower and excellent for cutting. The large, highly colored, daisy-like flowers appear uninterruptedly the entire season on stout, erect stems often 15 to 18 inches in length.

**PICTA LORENZIANA.** Double mixed. Pkt., 10c; ¼ oz., 30c.

### PERENNIAL VARIETIES

One of the most brilliant of hardy perennials; blooming the first year from seed if sown early. 2 feet.

**GRANDIFLORA COMPACTA.** A compact variety; choice mixed colors; 12 to 15 inches. Pkt., 10c; ¼ oz., 40c.

## GERANIUM

**ZONALE MIXED.** A superb strain of the largest and finest varieties. 1 to 2 feet. Pkt., 15c; 2 pkts., 25c.

## GEUM

**MRS. BRADSHAW.** A beautiful hardy perennial with large glowing red double flowers. Blooms all the summer and is splendid for cutting. 2 feet. Pkt., 15c; 2 pkts., 25c.

## GOMPHRENA (Globe Amaranth)

Flowers resemble clover heads and can be dried and used in Winter bouquets. Sometimes called Bachelor's Button. Pkt., 10c; ¼ oz., 25c.

## GOURDS, ORNAMENTAL

Rapid growing, interesting annual climbers, with ornamental foliage and singular shaped fruit. We offer, ornamental mixed. Pkt., 10c; oz., 30c.

## GLOXINIA

**HYBRIDA GRANDIFLORA.** An extra fine strain, embracing all the choicest self colored, tigered, and spotted flowers. Pkt., 25c.

## GYPSOPHILA—Baby's Breath

Pretty, free-flowering plants of easy culture; excellent for cutting to mix with other flowers. 2 feet.

**ELEGANS ALBA GRANDIFLORA** (True Paris Market Strain). A splendid annual variety; sprays of pure white flowers. Pkt., 10c; oz., 30c.

**PANICULATA.** Hardy perennial; flowers in graceful sprays of white. Pkt., 10c; 3 pkts., 25c.

**PANICULATA FL. PL.** Perennial, with a profusion of double white flowers. Pkt., 20c.

## HELICHRYSUM (Straw Flower)

Rich in glittering colors, generally grown to dry for use in winter bouquets. Pkt., 10c; ¼ oz., 30c.

## HELIOTROPE

Always popular on account of its delightful fragrance. A half-hardy perennial flowering the whole season. Pkt., 10c.

## HIBISCUS

Showy ornamental plants for mixed beds or shrubbery borders, having large beautifully colored flowers. Pkt., 15c; 2 pkts., 25c.

## HOLLYHOCK

Very popular hardy perennial; grown everywhere and valuable for a background.

**CHATER'S DOUBLE CRIMSON.** Pkt., 10c; ¼ oz., 75c.

**DOUBLE NEWPORT PINK.** Pure pink. Pkt., 10c; ¼ oz., 75c.

**CHATER'S DOUBLE ROSE.** Pkt., 10c; ¼ oz., 75c.

**CHATER'S DOUBLE SCARLET.** Pkt., 10c; ¼ oz., 75c.

**CHATER'S DOUBLE WHITE.** Pkt., 10c; ¼ oz., 75c.

**CHATER'S DOUBLE YELLOW.** Pkt., 10c; ¼ oz., 75c.

**CHATER'S DOUBLE MIXED.** Pkt., 10c; ¼ oz., 50c.

**SINGLE MIXED.** Pkt., 10c; ¼ oz., 40c.

**ANNUAL EVERBLOOMING HOLLYHOCKS.** A strain which flowers the first year from seed. Pkt., 15c; 2 pkts., 25c.

## HUMULUS—Japan Hop

A rapid Summer climber which in three to four weeks' time attains a height of 20 to 30 feet.

**JAPONICUS.** Pkt., 10c; ¼ oz., 25c.

## HUNNEMANNIA

### (Giant Yellow Tulip Poppy)

By far the best of the Poppy family, producing large buttercup, yellow poppy-like blossoms. Blooms till frost. Pkt., 10c.

## IPOMEA

Climbers of rapid growth, with beautiful and varied flowers; for covering walls, arbors, trellises, or stumps of trees they are invaluable.

**IMPERIALIS** (Japanese Morning Glory). Pkt., 10c; oz., 25c.

**GRANDIFLORA** (Moon Flower). Blooms open only at night. Pkt. 10c; ½ oz., 25c.

## IRIS—Flowering Flax

**KAEMPFERI** (Japanese Iris). Handy perennial; very showy; blooms the second year from seed. Pkt., 10c; 3 pkts., 25c.

## KOCHIA (Summer Cypress)

Forms a cypress-like hedge of beautiful green and of perfect symmetry about 3 feet high. The entire plants turn to a deep red in the Autumn. Pkt., 10c; ½ oz., 25c.

## KUDZU VINE (Pueraria Thunbergiana)

Called also Jack-and-the-Bean-Stalk. Hardy perennial. The first year it will do 10 feet and the next up to 50 feet. Fine for a permanent vine. Pkt., 10c; ¼ oz., 25c.





**African Marigolds**

### LANTANA

Rapid-growing, tender perennial plants for pot culture in the Winter or garden decorations in the Summer. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

### LARKSPUR

The splendid flowers are very large and of various beautiful colors, shades and markings.

#### TALL DOUBLE STOCK-FLOWERED

Plants branch freely, bearing long spikes of beautiful double flowers. Height 2 $\frac{1}{2}$  feet.

CARMINE. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

DARK BLUE. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

LILAC. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

ROSE PINK. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

SHELL PINK. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

SKY BLUE. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

WHITE. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

COLLECTION. One pkt. each of above 7 colors.

60c.

MIXED. All colors. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

### LATHYRUS (Everlasting Sweet Pea)

Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc.; continually in bloom; fine for cutting mixed. Pkt., 10c;  $\frac{1}{2}$  oz., 60c.

### LINUM (Flax)

Very effective and showy bedding plants of long duration; brilliant scarlet flowers; hardy annual. Pkt., 10c; oz., 30c.

### LOBELIA

Very desirable for pot culture, edgings, hanging baskets, etc.; blooming profusely from June to November. Pkt., 10c.

### LUPINUS (Lupine)

Free-flowering, easily-grown annuals, with luma graceful spikes of rich and various colored pea-shaped flowers, 2 feet; mixed colors. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

### LYCHNIS

Handsome hardy perennial plants of easy culture, for massing in beds or borders.

CHALCEDONICA. Fine scarlet flowers. 2 feet. Pkt., 10c; 3 pkts., 25c.

### MARIGOLDS

#### DOUBLE AFRICAN MARIGOLDS

Splendid for beds or borders; the tall varieties grow about 3 feet high, the dwarf sorts 12 inches.

ORANGE PRINCE. Large, perfect double quilled flowers of a rich golden orange color. Pkt., 10c;  $\frac{1}{4}$  oz., 40c.

LEMON QUEEN. A counterpart of Orange Prince except in color, which is a soft lemon-yellow. Pkt., 10c;  $\frac{1}{4}$  oz., 40c.

DOUBLE MIXED. African varieties containing all of the colors. 2 to 3 feet. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

#### DWARF DOUBLE FRENCH MARIGOLD

Few annuals are as effective as the French Marigolds or flower for so long a period; they all form dense bushes not over 12 inches high, and are unequalled for borders or beds.

FRENCH MIXED. A splendid mixture saved from the double flowers; all colors. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

#### MARVEL OF PERU or Four O'Clocks

Grows freely from seed. Blooms from the late afternoon on through the night, 2 feet; mixed colors. Pkt., 10c; oz., 35c.

MATRICARIA. Free-flowering, producing fine double white flowers all season; 18 inches. Pkt., 10c.

### MOMORDICA

Very curious climbing vine, with ornamental foliage, fruit golden yellow.

BALSAMINA (Balsam Apple). Round apple-shaped fruit, very fine glossy green foliage. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

CHARANTIA (Balsam Pear). Pear-shaped fruit; foliage heavier than the above. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

### MYOSOTIS—Forget-Me-Not

Beautiful, half hardy perennials, blooming the first year from seed; succeeding best in moist, shady situations. Sown in the Spring they will flower in the Fall.

ALPESTRIS VICTORIA. Of bushy habit; bearing large bright blue flowers; very fine; 6 inches. Pkt., 15c; 2 pkts., 25c.

### MESEMBRYANTHEMUM

CRYSTALLINUM (Ice Plant). Dwarf, trailing annual plants; flowers white. Pkt., 10c; 3 pkts., 25c.

### MIGNONETTE

Valuable for cutting on account of its fragrance; sow in succession during the whole Summer; can also be grown in pots for Winter and early Spring flowering.

MACHET. Large reddish tinted, sweet scented flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

### NICOTIANA (Flowering Tobacco)

Extremely showy annual plants, giving a continuous display of brilliant flowers through the Summer and Autumn. 2 to 3 feet.

AFFINIS HYBRIDA. Large, sweet-scented flowers; colors range through creamy white and rose tints to bright red and crimson. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

### NIGELLA—Love-In-A-Mist

Lovely garden annuals, with finely cut green foliage, and curious looking flowers and seed pods.

MISS JEKYLL. A lovely variety, with long stems, and bearing a profusion of beautiful double flowers of a clear cornflower blue; excellent for cutting. 18 inches. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

### GIANT NASTURTIUMS

Few garden annuals respond with as little care as the Nasturtium. For ease of culture, duration of bloom, brilliancy of coloring and general excellence, they are unexcelled. All they need is a moderately good soil, in a well-drained sunny position.

#### TOM THUMB DWARF OR BEDDING

BEAUTY. Light scarlet, mottled yellow. Pkt., 10c; oz., 25c.

GOLDEN KING. Rich golden yellow, dark leaved. Pkt., 10c; oz., 25c.

KING OF TOM THUMBS. Dark scarlet; dark foliage. Pkt., 10c; oz., 25c.

PEARL. Pure white. Pkt., 10c; oz., 25c.

VESUVIUS. Dark foliage and rich salmon rose flowers. Pkt., 10c; oz., 25c.

GIANT-FLOWERING TOM THUMB. Mixed colors. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb. 50c; lb., \$1.50.

#### TALL OR CLIMBING VARIETIES

Elegant and luxuriant climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect. 6 to 10 feet.

GIANT-FLOWERING CLIMBING. Mixed colors. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb. 50c; lb., \$1.50.



### Pansy, Arno's Magnificent PANSIES

#### BLOOM ALL THE YEAR ROUND IN THE SOUTH

Pansies thrive best in a cool, moist but well-drained soil, enriched with well-rotted barnyard manure or fine-ground bone. Seeds sown in Spring in a partially shaded situation will produce fine plants for Autumn flowering. The finest blooms are to be obtained, however, by sowing in July or August, giving the plants protection during Winter, when they will bloom profusely in the Spring and Summer.

**ARNO'S MAGNIFICENT.** A remarkably showy class with large frilled blooms and a great variety of rich colors. Pkt., 25c.

#### GIANT EARLY-FLOWERING PANSIES (World Record)

This remarkable new race of Pansies flowers fully six weeks earlier than the other varieties. We recommend them highly for winter blooming and early Spring bedding. The flowers are of immense size, on long stems.

**SPLENDID MIXED.** Pkt., 20c; 3 pkts., 50c.

**MAMMOTH BUTTERFLY.** The efforts of years of scientific culture in raising Pansies have gradually evolved a superior race of luxuriant, robust growth and deep-rooting, drought-withstanding qualities; the flowers have also correspondingly improved in size, substance, form and colors. Pkt., 25c; ½ oz., \$1.00.

**RAINBOW MIXED.** All colors. Pkt., 10c; ¼ oz., 75c; oz., \$2.50.

**TRIMARDEAU FINEST MIXED.** Enormous flowers in various colors and shades. Pkt., 15c; ¼ oz., 75c.

#### PENTSTEMON—Beard Tongue

A beautiful perennial plant producing freely large spikes of handsome tubular flowers in almost every shade and color.

**NEW HYBRIDS, Mixed.** Produces large spikes of handsome flowers. 3 feet. Pkt., 15c; 2 pkts., 25c.

#### PHLOX DRUMMONDI

One of our finest hardy annuals, and should occupy a prominent place in every garden; for bedding or massing nothing can surpass them for their brilliancy and richness of color.

**CECILY MIXED.** The plants grow very symmetrical, in neat bushes, 6 to 8 inches high, and are covered with flowers during the whole Summer and Fall. Pkt., 15c; 2 pkts., 25c.

#### GRANDIFLORA VARIETIES

An improved strain with large heads of bloom, as well as large individual flowers. 12 to 15 inches.

**ALBA.** Pure white. Pkt., 10c; 3 pkts., 25c.

**COCCINEA.** Brilliant scarlet. Pkt., 10c; 3 pkts., 25c.

**PINK.** Pkt., 10c; 3 pkts., 25c.

**CHOICE MIXED.** All colors. Pkt., 10c; ¼ oz., 60c.

**DECUSSATA.** Hardy perennial. One of the finest perennials. Extremely large heads of the most magnificent colors; blooms in August and September. 2 to 3 feet. Finest mixed. Pkt., 15c.

#### PETUNIAS

For outdoor decoration, porch or window boxes few plants equal the Petunia in effectiveness. The single bedding kinds can be sown out-of-doors in May.

#### LARGE-FLOWERING SINGLE SORTS

**SUPERB LARGE-FLOWERING FRINGED.** Deep-throated and of varied and brilliant colors, and beautifully fringed. Pkt., 25c.

#### LARGE-FLOWERING DOUBLE SORTS

In growing Double Petunias from seed the weaker seedlings should be carefully saved, as these usually produce the finest double flowers.

**SUPERB DOUBLE-FRINGED.** Will produce a large percentage of double flowers of the largest fringed varieties in bright colors. Pkt., 35c.

#### BALCONY PETUNIAS

A splendid large and free-flowering type for window boxes, vases, hanging baskets, etc., the flowers average 3 inches across and make a very effective display over a long season.

**BALCONY BLUE.** Velvety indigo-blue. Pkt., 20c.

**BALCONY ROSE.** Brilliant rose-pink; very effective. Pkt., 20c.

**BALCONY WHITE.** The pure white form. Pkt., 20c.

**BALCONY CRIMSON.** Rich velvety crimson. Pkt., 20c.

**BALCONY MIXED.** Pkt., 15c; 2 pkts., 25c.

#### SINGLE BEDDING PETUNIAS

All of the following are wonderfully effective in beds, borders, window boxes, etc.

**SNOWBALL.** Pure satiny white. Pkt., 15c; 2 pkts., 25c.

**VIOLET QUEEN.** Rich velvety violet-blue. Pkt., 15c; 2 pkts., 25c.

**ROSE OF HEAVEN.** A very effective rich and brilliant rose colored variety. Pkt., 15c; 2 pkts., 25c.

**ROSY MORN.** Soft rose-pink with white throat; very dainty. Pkt., 15c; 2 pkts., 25c.

**FINE MIXED.** Good bright colors. Pkt., 10c; 3 pkts., 25c.

#### PHYSALIS

##### (CHINESE LANTERN PLANT)

**FRANCHETI.** Dense bushes about 2 feet high, producing freely, bright orange-scarlet, lantern-like fruits; perennial. Pkt., 10c; 3 pkts., 25c.

#### PLATYCODON

##### (CHINESE BELLFLOWER)

One of the best hardy perennials, bearing a profusion of large, bell-shaped flowers the whole season. Excellent for planting in borders or among shrubbery. 2 to 3 feet.

**GRANDIFLORUM BLUE.** Pkt., 10c; 3 pkts., 25c.

#### POLYANTHUS

##### (PRIMULA ELATOR)

Beautiful Spring-flowering hardy perennials, either for pot culture or for the garden; succeeds best in partial shade. 9 inches.

**ENGLISH MIXED.** All colors. Pkt., 15c; 2 pkts., 25c.

#### PORTULACA—Sun Plant

Brilliant hardy annual, of easy culture; excellent for massing in beds, edging or rock work, thriving best in a light, sandy soil and a sunny situation; flowers of the brightest colors.

**DOUBLE MIXED.** All colors. Pkt., 10c; ½ oz., 50c.

**SINGLE MIXED.** All colors. Pkt., 10c; ¼ oz., 35c.

## PRIMULA

### GIANT FRINGED CHINESE

Chinese Primroses are among our finest Winter and Spring blooming pot plants; of healthy, sturdy growth. 8 to 12 inches high, and free from insects; while they produce for weeks large trusses of flowers, which, in our new giant varieties, average 4½ inches in circumference.

**GIANT SINGLE.** Mixed colors. Pkt., 25c.

**OBCONICA GIGANTEA.** These "Everflowering Primroses" are favorite pot plants for house and conservatory. Pkt., 25c.

**VULGARIS** (Hardy English Primrose). This is one of the best early Spring-blooming plants. Canary yellow flowers, fragrant. Pkt., 15c; 2 pkts., 25c.

## POPPIES

One of our favorite and most popular flowers, producing during the blooming period a profusion of brilliant colors and shades. Seeds should be sown as early in the Spring as possible, where they are to remain, as they do not stand transplanting.

### SINGLE ANNUAL POPPIES

**SHIRLEY.** An improved strain of this lovely race of Poppies varying in color from pure white and delicate pink to rosy carmine and deep crimson, in mixture. Pkt., 10c; 1 oz., 35c.

**AMERICAN LEGION.** A greatly improved English scarlet or Flanders Poppy with very large flowers of dazzling orange-scarlet. Pkt., 10c; ¼ oz., 35c.

### CARNATION-FLOWERED POPPIES

The flower of these poppies have petals like a carnation though it is larger and more globe shaped. A planting made in the fall will give an abundance of flowers several weeks before those planted in March.

**AMERICAN FLAG.** Large double snow-white flowers bordered with scarlet.

**CHERRY RED.** Bright red globe shaped flowers.

**MIKADO** (Striped Japanese Poppy). Brilliant scarlet and white with beautiful curved petals, like a Japanese Chrysanthemum.

**SALMON PINK.** A gay rosy shade.

All varieties. Pkt., 10c; oz., 40c.

**MIXED.** All varieties mixed. Pkt., 10c; oz., 30c.

### PEONY-FLOWERED POPPIES

This type has large globe shaped double flowers that resemble a peony. The colors we offer are among the best though if a greater variety is wanted we recommend the mixed colors.

**MIXED.** All colors in mixture. Pkt., 10c; oz., 30c.

**DOUBLE SHIRLEY.** A very pretty strain with double flowers in the same wonderful range of colors as the single Shirley; 30 inches. ¼ oz., 30c.

### PERENNIAL VARIETIES

For permanent beds these brilliant hardy Poppies stand unrivaled for general effectiveness and brilliancy of display.

**ICELAND** (Nudicaule), **WHITE.** The satin-like flowers are borne in endless profusion and are excellent for cutting. 12 inches. Pkt., 15c; 2 pkts., 25c.

**ICELAND, ORANGE-SCARLET.** Pkt., 15c; 2 pkts., 25c.

**ICELAND, YELLOW.** Pkt., 15c; 2 pkts., 25c.

**ICELAND SINGLE MIXED.** Colors range from white and yellow to deep orange-scarlet. Pkt., 10c.

**ORIENTALE.** Extra large flowers; deep scarlet. Pkt., 15c; 2 pkts., 25c.

**ORIENTALE, MRS. PERRY.** Rich salmon-pink. Pkt., 15c; 2 pkts., 25c.

**ORIENTALE HYBRIDS.** Mixed. Pkt., 15c; 2 pkts., 25c.

## PYRETHRUM

Handsome hardy perennial plants for the herbaceous border; flowers showy and excellent for cutting.

**ROSEUM.** Flowers bright rose color. July. 2 feet. Pkt., 15c; 2 pkts., 25c.

**HYBRIDUM SINGLE MIXED.** Large flowers ranging in color from light pink to deep red, with bright yellow centers. July. 2 feet. Pkt., 10c; 3 pkts., 25c.

## RHODANTHE

A charming everlasting; value for pot culture; mixed colors; 1 foot. Pkt., 10c.

## RICINUS (Castor Oil Beans)

Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing subtropical effect. Fine for lawns, massing or centre plants for bed.

**ZANZIBARENSIS.** Mixed. A very large-leaved variety, deep green and bronze growing 10 to 15 feet high. Pkt., 10c; oz., 25c.

## SALPIGLOSSIS (Painted Tongue)

Produce attractive gloxinia-like flowers from mid-Summer until Frost; splendid for cut flowers; 30 inches high. Pkt., 10c.

## SALVIA

One of our most handsome Summer and Autumn flowering plants, growing into compact bushes about 3 feet high and literally ablaze with brilliant flowers; very effective for massing on the lawn and for garden decorations.

**BONFIRE** (Clara Bedman). Compact bushy plants, 2 feet high, producing innumerable erect spikes of the most brilliant scarlet flowers. Pkt., 15c; ¼ oz., 90c.

**PATENS.** Bright blue flowers of large size; excellent for the border or greenhouse. Height 2 feet. Pkt., 20c.

**SPLENDENS.** The old favorite bedding variety; tall growing plants with bright scarlet flowers; height 3 feet. Pkt., 10c; 3 pkts., 25c.

## SCABIOSA—Mourning Bride

Quite hardy plants, flowering freely in cool locations all during the Summer and Fall. The well rounded, double flowers are borne on tall, slender stems nearly 2 feet in length. Easily grown and very showy.

**LARGE-FLOWERED DOUBLE MIXED.** Pkt., 10c; ¼ oz., 30c.

### HARDY PERENNIAL VARIETIES

**CAUCASICA** (Blue Bonnet). One of the handsomest of hardy perennials. It is especially valuable for cutting, the lilac-blue blooms lasting a long time in water. 3 feet. Pkt., 20c.

## SCARLET RUNNER BEANS

A great favorite in England and Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the sprays of bright scarlet, pea-shaped blossoms. Pkt., 10c; ¼ lb., 20c.

## SCHIZANTHUS

### (Butterfly or Fringe Flower)

Adapted for bordering beds of taller flowers and those of a heavier growth. They make admirable pot plants for the house in late Winter and early Spring. Pkt., 10c.

## SHASTA DAISY

Produces, when well grown, magnificent pure white flowers 4 inches or more across, on stems 1½ to 2 feet in length. The plants, 2 to 2½ feet in height, are hardy and flower in profusion. Pkt., 10c; 3 pkts., 25c.

## STATICE—Sea Lavender

Splendid hardy perennials, either for the border or rockery, producing all Summer, panicles of minute flowers, which can be dried and used for Winter bouquets.

**MIXED.** Containing many sorts. Pkt., 10c; 3 pkts., 25c.

## STOKESIA

### (CORNFLOWER OR STOKES' ASTER)

Plants grow about 18 to 24 inches high, bearing freely from July to October, handsome Centaurea-like blossoms, each measuring from 4 to 5 inches across.

**CYANEA.** Lavender-blue. Pkt., 20c.



**Zinnia, Dahlia Flowered  
TEN WEEKS STOCKS**

The plants of the large-flowering Ten Weeks Stocks make a bushy growth from 15 to 18 inches tall. They are suitable for borders, florists' designs, or for pot culture. The sweet scented, double flowers are borne profusely on strong, stocky spikes.

**BLOOD RED.** Deep scarlet. Pkt., 10c.

**BRILLIANT BLUE.** Large bright deep blue flowers. Pkt., 10c.

**BRIGHT PINK.** A fine, rich pink color. Pkt., 10c.

**CANARY-YELLOW.** Bright canary-yellow, borne in the greatest profusion on fine stems. Pkt., 10c.

**WHITE.** Pkt., 10c.

**TEN WEEKS MIXED.** Comprises the above five showy varieties and a few other fine colors belonging to this popular class of annual Stocks. Pkt., 10c; ¼ oz., 75c.

**"CUT-AND-COME-AGAIN" STOCKS MIXED.** The branching plants, about 2 feet high, produce continuously from Summer to Fall, double flowers, splendid for cutting. Pkt., 10c; 3 pkts., 25c.

### SUNFLOWER—Helianthus

Well known hardy annuals, the small flowering sorts being useful for cutting; the tall varieties are valuable for backgrounds.

**MINIATURE SUNFLOWER.** The compact plants are covered with small, single flowers of bright orange color. 3 feet. Pkt., 10c; ¼ oz., 20c.

**NEW RED.** Extra large flowers, some of which are rich chestnut-red, others tipped with yellow. 5 feet. Pkt., 10c; ¼ oz., 20c.

**RUSSIAN MAMMOTH.** Immense single yellow flowers on tall, heavy stalks. 6 feet. Pkt., 10c; oz., 15c.

**SWEET WILLIAM—Dianthusbarbatus**  
Old-fashioned plants, produce large heads of beautifully colored, sweet-scented flowers in great abundance. Hardy biennial. 18 inches.

**SINGLE CRIMSON.** Pkt., 10c.

**SINGLE PINK BEAUTY.** Pkt., 15c.

**SINGLE SCARLET BEAUTY.** Pkt., 15c.

**SINGLE WHITE.** Pkt., 10c.

**SINGLE MIXED.** Pkt., 10c.

**DOUBLE WHITE, CRIMSON, and ROSE.** Pkt., 10c.

**DOUBLE MIXED.** All colors. Pkt., 10c; ¼ oz., 40c.

**NEW ANNUAL.** This flowers continuously from early Summer from Spring-sown seed. The plants are of the same habit as the perennial kinds. In mixed colors only. Pkt., 10c; 3 pkts., 25c.

### VERBENA

For beds, borders, mounds, vases, window boxes. Hardy annual. 18 inches.

**GIANT BLUE, PINK, WHITE and SCARLET.**

Each, pkt., 10c; ¼ oz., 50c.

**CHOICE MIXED.** All colors. Pkt., 10c; ¼ oz., 35c.

### VIOLA CORNUTA

These resemble Pansies in shape and form, with the additional quality that they are of long stems, and appear uninterruptedly from early Spring till snow.

**MIXED.** All colors. Pkt., 10c; 3 pkts., 25c.

### WALLFLOWER

The sweet-scented flowers are most beautiful for beds, borders, and also for cutting. Raised in pots they will bloom freely and can be taken into the house when Fall frosts are expected.

**SINGLE MIXED.** Pkt., 10c; ¼ oz., 30c.

### ZINNIAS

#### GIANT DOUBLE DAHLIA-FLOWERED

The plant is striking and spectacular in appearance and distinctly bespeaks its vigor and sturdy growth, which reaches a height of from 3 to 4 feet. The large, magnificent blooms that greatly resemble Decorative Dahlias and average from 5 to 6 inches across are borne on strong stems, clear of foliage, which make them very desirable for cut flowers as well as garden decoration.

**CANARY BIRD.** A very fine variety, with large flowers of a bright primrose-yellow shade. The blooms are well formed, fully double, and extremely large. They hold their color well until they have passed their prime. Pkt., 20c.

**CRIMSON MONARCH.** One of the best of the Dahlia-flowered Zinnias, with flowers of immense size. They are a bright and attractive shade of crimson-scarlet. The blooms are of perfect form and are borne in great profusion on strong plants. Pkt., 20c.

**DREAM.** A fine deep lavender turning to purple. Pkt., 20c.

**EXQUISITE.** The flowers resemble an exquisite, large, Decorative Dahlia. The color is a most showy and pleasing shade of rich rose with deeper rose in the center. The flowers are of true dahlia form, perfectly symmetrical, and of gigantic size. Pkt., 20c.

**OLD ROSE.** The flowers are a lovely shade of real old rose—a color that is most popular. A magnificent flower of extreme size. Pkt., 20c.

**ORIOLE.** A bright glistening orange shaded with liquid gold. As the flowers age they show a rich coppery cast. Pkt., 20c.

**POLAR BEAR.** This is decidedly the best of all white Zinnias. The flowers are of great size, composed of many small petals. Pkt., 20c.

**SCARLET FLAME.** The flowers in bright sunlight appear like flames of fire. Closer examination will show that they are a rich orange-scarlet of dazzling brightness. Large and massive. Pkt., 20c.

**DAHLIA-FLOWERED ZINNIAS MIXED.** This is a complete mixture of the Dahlia-flowered Zinnias described on this page, and some fine colors not yet introduced. Pkt., 20c; ¼ oz., 75c.

#### PRIDE OF NORFOLK SPECIAL STRAIN OF GIANT DOUBLE ZINNIAS

A special strain of this grand old favorite, free and continuous flowering annual, which produces flowers of colossal size, specimens measuring from 4 to 5 inches across.

**LEMON QUEEN.** Primrose or canary yellow. Pkt., 15c.

**MISS WILLMOTT.** Soft pink. Pkt., 15c.

**ORANGE KING.** Rich golden orange. Pkt., 15c.

**PURITY.** Pure white. Pkt., 15c.

**ROSE QUEEN.** Rich deep rose. Pkt., 15c.

**SCARLET.** Deep crimson-scarlet. Pkt., 15c.

**GIANT MIXED.** All colors. Pkt., 15c; ¼ oz., 60c.

#### IMPROVED LARGE-FLOWERING DWARF DOUBLE ZINNIAS

This we consider the best Zinnia for bedding, forming bushy, compact plants not over 2 feet high, and bearing large, perfect double flowers in good clear, distinct colors.

**FINEST MIXED.** Pkt., 10c; ¼ oz., 50c.

# WILLIAMS' CHOICE ORCHID-FLOWERING SWEET PEAS

## THE BEST VARIETIES FOR GENERAL CULTURE

**NOTE.** We now offer only these fine Giant Spencer or Orchid-flowering Sweet Peas as they are vastly superior to the old-fashioned Grandiflora type.

**PRICES:** All varieties of Giant Waved Spencer Sweet Peas, except where noted, pkt., 10c; oz., 30c; ¼ lb., 90c.



Sweet Peas, Giant Spencer.

### BLUE

**COMMANDER GODSALL.** The color is an attractive shade of deep violet-blue. The flowers are large, of heavy substance, and attractively waved and fluted.

**MRS. TOM JONES.** Bright delphinium blue with large flowers on long stems.

**ROYAL PURPLE.** This has been for years the leading purple Sweet Pea. It is a warm, rich shade of rosy purple. The standard has a rich metallic sheen which greatly adds to the attractiveness.

### LAVENDER

**AUSTIN FREDERICK IMPROVED.** A flower of immense size. The color is a pleasing shade of bright lavender.

**POWERSCOURT.** A pure lavender variety with flowers of mammoth size yet refined and well placed on long stems. We recommend this as one of the best.

### ORANGE

**GEORGE SHAWYER.** The standard is a fine shade of bright orange-salmon, and the wings are tinted rose. The general effect is orange-pink.

**TANGERINE.** A glowing shade of orange that makes it one of our most popular varieties.

### PINK

**BARBARA.** This is an outstanding variety which never fails to attract attention. The blooms are a glistening shade of pure salmon. Gives a charming bunch effect.

**DAISYBUD.** Truly a lovely Sweet Pea, combining harmonious shades of apple blossom tints with an elusive suffusion of cream-pink. The blooms are large, well rounded, waved and frilled. A strong, sturdy bloomer.

**ELEANOR WILLIAMS.** One of the largest and most exquisite light; rose flowers of late introduction. Pkt., 15c; oz., 45c.

**HAWLMARK SALMON-PINK.** Rich deep pink, attractively tinted with salmon and orange. Flowers of large size and exquisite form.

**ASK FOR A COPY OF OUR LEAFLET ON "SWEET PEA CULTURE," TO BE INCLUDED,**

**FREE OF CHARGE, WITH YOUR ORDER.**

**MARY PICKFORD.** Very large, combining extreme size with exquisite texture. Dainty and appealing cream-pink with a soft suffusion of salmon. Blooms very profusely. Pkt., 15c; oz., 45c.

**MISS CALIFORNIA.** This exquisite California novelty is a charming iridescent tone of cream-pink with a salmon and orange hue. The flowers are large and well formed. Pkt., 15c; oz., 35c.

**SUNSET.** A beautiful shade of soft rich rose with a distinct halo of luminous yellow towards the base of the standard and wings. An artistic flower.

### RED

**CAMPFIRE.** The brightest scarlet sun-proof of all the Spencers. It is the last word in vivid color. The flowers are of fine size and borne on plants of great vigor.

**FIERY CROSS IMPROVED.** The standard is a scorching deep cherry-red with an orange suffusion. The wings are rich cherry-orange. Most beautiful.

**KING EDWARD SPENCER.** One of the most popular of the Spencers. The flowers are of enormous size and waved and crinkled to a pronounced degree. The color is a beautiful, rich red.

**ROYAL SCOT.** A popular Sweet Pea with brilliant and lustrous orange-scarlet flowers with a deep cerise sheen. Large, well waved, of good proportions.

### WHITE

**DAFFODIL.** An exquisite variety with frilled and waved rich cream blooms.

**EDNA MAY IMPROVED.** A large white flower of unusually fine form.

**KING WHITE IMPROVED.** Remarkable for the glistening purity of its whiteness and perfect finish of its mammoth flowers.

**GIANT SPENCER AND ORCHID-FLOWERING MIXTURE.** In our Giant Spencer and Orchid-flowering Mixture of Sweet Peas, we are offering the choicest assortment of varieties obtainable. Beautifully waved and fluted with long stems, from 8 to 17 inches in length. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

### EARLY OR WINTER-FLOWERING SPENCER SWEET PEAS

While these are especially adapted for forcing under glass for Winter and early Spring blooming, they are also valuable for outdoor culture, coming into bloom five or six weeks earlier than the regular Spencer or Orchid-flowered type, and if the flowers are kept cut, they will continue to bloom for a long time, producing immense, waved flowers, "fours" predominating, on long stems.

**PRICES:** All varieties of Early or Winter-flowering Spencer Sweet Peas. Pkt., 20c; oz., 75c; ¼ lb., \$2.50.

**AMETHYST.** An early-flowering royal purple.

**AVIATOR.** Dazzling crimson scarlet.

**CREAM.** Rich deep cream.

**FAIR MAID.** The best blush-pink early variety.

**FLAMINGO.** The broad and well waved standard

is light orange with a suffusion of bright salmon.

**GLITTERS.** The standard is a bright fiery orange

and the wings are deep orange.

**LAVENDER KING.** Large flowers of deep lavender.

**MADONNA.** Best giant white; black-seeded.

**TRUE BLUE.** A shade of true blue that is much in demand.

**YARRAWA.** Bright rose-pink on clear cream. Large, well waved and free blooming.

**ZVOLANEK'S ROSE.** One of the best in the deep pink class.

**EARLY FLOWERING SPENCERS MIXED.** A choice mixture of named Early-flowering Spencer varieties. Pkt., 15c; oz., 60c; ¼ lb., \$2.25.

# WILLIAMS' CHOICEST DAHLIAS



**Dahlia, Decorative Type.**

**ETENDARD DE LYON** (Cac.). The color is a trifle darker than rhodamine-purple, described by some as carmine-rose. The flower is held on fine, stiff stems. 50c each.

**F. W. FELLOWS** (Cac.). The flowers are of unusual size for the long, narrow-petaled type, of which this is one of the finest examples. In color it is an intense coral-red with deeper suffusion toward the center. A leader in this type at all Dahlia exhibitions or for the garden. 50c each.

**J. H. JACKSON** (Cac.). The finest black Cactus Dahlia in existence. Color, a perfectly gorgeous, deep velvety, blackish-maroon. 35c each.

**KALIF** (Cac.). A gigantic flower frequently measuring nine inches in diameter. Color a pure scarlet. The flowers, produced on strong, stiff stems, making it a most useful variety for cutting. 50c each.

**W. B. CHILDS** (Cac.). A very reliable variety. Color a beautiful dark purple-maroon. 35c each.

**SOUVENIR DE GUSTAVE DOAZON** (Dec.). The color is a pleasing shade of orange-red. The plant is a very tall, vigorous grower, glossy green foliage. Very long stems. 35c each.

**THE BASHFUL GIANT** (Dec.). This is one of the largest Dahlias ever produced. It is also of great merit for its beautiful color, being an apricot with golden shadings. Flowers are produced on stout stems. 50c each.

**THE GRIZZLY** (Dec.). A prize-winning California Dahlia. A dark maroon-red with stems three feet long. The flowers are large with reflexed petals and stand well above the foliage, making a fine effect in the garden. Tubers, \$1.00 each.

**WASHINGTON CITY** (Dec.). A fine large pure white, looking almost like a white star. Fine bush growth. 75c each.

**WORLD'S WONDER** (Dec.). The color is a golden-salmon with a very large, deep, full flower on a rather dwarf growing plant. The stems are long and stiff. A profuse bloomer. \$1.00 each.

**WM. H. SLOCOMBE** (Dec.). The largest and best pale yellow Decorative. A clear sulphur yellow passing to martinus yellow at tips. Flowers of gigantic size, from six to eight inches in diameter under ordinary conditions. \$1.00 each.

**CALIFORNIA ENCHANTRESS** (Cac.). A new California creation. Flowers of very delicate blush; buds open a creamy-white, changing to a soft rosy tint as the flowers develop. Flowers produced on long stiff stems in abundance making it a good cutflower variety. \$1.00 each.

**EDITH CARTER** (Cac.). A variety of great beauty and one of the finest for exhibition purposes. Color, yellow, heavily tipped bright rosy carmine. Erect habit. 50c each.

## SUMMER FLOWERING BULBS

**CALADIUM ESCULENTUM** (Elephant's Ear).

Very showy ornamentals, producing a subtropical effect. Usually planted in groups and quite often used as a border around bronze-leaved Cannas. The foliage is very large, sometimes 2 feet across. Bulbs may be started in pots and planted out during May and June. Plant about 15 inches apart. 3 to 4 feet.

Large Bulbs. Each, 20c; doz., \$2.00.

Mammoth Bulbs. Each, 30c; doz., \$3.00.

**TUBEROSES.** Summer-flowering bulbs, producing long spikes of very fragrant blossoms. Plant outdoors after all danger of frost is over. Cover the bulb one inch with fine light soil.

**Double Pearl.** Pure white. First size bulbs. Each, 7c; doz., 75 (by mail 90c); 100, \$4.50.

**Double Pearl Mammoth.** Extra large, selected bulbs. Each, 10c; doz., \$1.00 (by mail \$1.20); 100, \$7.00.

**INSULINDA** (Dec.). The acme of perfection in a Dahlia. Its color is a rich golden orange, suffused with bronze and apricot shadings. The flowers are carried on the top of the stem like a chrysanthemum, the broad petals waved and curled in the most artistic manner. The twist and curl in its floral rays give it art and refinement all its own. 75c each.

**MILLIONAIRE** (Dec.). Most delicate lavender with faint pink cast overshadowing it, the whole having a blending of white. One of the best known lavender pink Dahlias, an immense flower, that attracts considerable attention on the exhibition table. Plants are very dwarf, so it is not recommended as a cutflower variety. Flowers from six to nine inches in diameter. 50c each.

**MINA BURGLE** (Dec.). A glowing and most brilliant scarlet. The flowers are of perfect Decorative type and are borne upon long, wiry stems well above the foliage. Attracts universal attention. 50c each.

**MRS. HERMA B. WILLIAMS** (Dec.). A striking autumn shade. One of the finest and most artistic dahlias of distinct form. An indescribable shade of beautiful soft amber with fawn suffusion and petals twisted and curled, showing a pale lavender reflex at tips. Flowers extra large and deep, held on long erect stems. \$5.00 each.

**MRS. I. DE VER WARNER** (Dec.). Immense flowers on long stems, are of perfect form and of a lovely mauve pink color; early and free bloomer. 50c each.

**PATRICK O'MARA** (Dec.). Patrick O'Mara is such an outstanding variety for either garden display or exhibition that no Dahlia collection is complete without it. It is a beautiful shade of orange-buff tinted with rose-pink. The habit of the plant is excellent, and the flowers are truly immense, over 7 inches across, with broad petals beautifully twisted and curled. 75c each.

**PRIDE OF CALIFORNIA** (Dec.). Called the "American Beauty" Dahlia. Winner of Gold and Silver Medals. Huge crimson red flowers produced on long straight stems. 50c each.

**PRINCESS JULIANA** (Dec.). The best white Decorative Dahlia for cut-flower purposes, and also the best flowering. 35c each.

**ROSA NELL** (Dec.). The color is a clear bright rose, and the flowers are very large, and is one of the best shaped Decorative Dahlias grown. Good stems and habits. 75c each.

# WILLIAMS' CHOICE GLADIOLAS

**CULTURE.** Gladiolas bulbs do best in loose, friable soil to which a little well-rotted manure has been added. When planted for mass effect the bulbs should be from 2 to 4 inches deep and about 4 inches apart, and when in rows for cultivation the rows should be about 18 inches apart and the bulbs 4 inches apart in the row. A succession of bloom can be had by planting at different times in the Spring. They should have plenty of water just as they start to bloom as this will increase the size of the flowers. In cutting for the house it is best to cut the spike when 1 or 2 buds have opened. The remainder will open in the house.

**AMERICA.** Immense flowers of exquisite soft pink, glistening in the sunlight as if sprinkled with diamond dust. Strong grower, free bloomer, tall, well furnished spike. Each, 7c; doz., 70c; per 100, \$4.50.

**BARON HULOT.** Fine deep violet-blue, full round flowers closely set on strong stem. Each, 10c; doz., \$1.00; per 100, \$7.00.

**CRIMSON GLOW.** A perfect scarlet of a deep tone. Very large open flowers of the finest form and exceedingly well placed on a tall spike. Each, 10c; doz., \$1.00; per 100, \$7.00.

**EMPRESS OF INDIA.** Deep purplish red, very rare color. Each, 10c; doz., \$1.00; per 100, \$7.00.

**EVELYN KIRTLAND.** Large flowers of wonderful substance of rosy pink at the edges passing to shell-pink in the throat, with fiery scarlet blotches on lower petals. A strong robust grower. Each, 10c; doz., \$1.00; per 100, \$7.00.

**HALLEY.** Magnificent flowers of delicate salmon-pink with creamy blotch. One of the earliest. Each, 8c; doz., 85c; per 100, \$5.50.

**LILY WHITE.** Very good early pure white. Each, 8c; doz., 85c; per 100, \$5.50.

**MRS. DR. NORTON.** Pure soft white with tips of petals suffused La France pink. Light yellow throat. Wonderful variety. Each, 10c; doz., \$1.00; per 100, \$7.00.

**MRS. FRANCIS KING.** Light scarlet, long strong spike bearing immense flowers. Each, 8c; doz., 85c; per 100, \$5.00.

**NIAGARA.** Lovely cream shade, petals canary yellow, throat carmine. Each, 9c; doz., 90c; per 100, \$6.00.

**MRS. FRANK PENDLETON.** Very large flowers, salmon-pink with deep carmine throat. Each, 10c; doz., \$1.00; per 100, \$7.00.

**PANAMA.** Extra fine pink, long spikes with large flowers. Each, 8c; doz., 85c; per 100, \$5.50.

**PEACE.** Immense flowers of beautiful white with pale lilac feathering. Each, 8c; doz., 75c; per 100, \$5.00.

**PRINCE OF WALES.** Exquisite pure golden salmon melting to primrose, yellow throat, overlaid with deep orange. Very early. Each, 10c; doz., \$1.00; per 100, \$7.00.

**SCHWABEN.** Clear canary-yellow, little red stripe on lower petals. Large flowers on long stalks. Each, 10c; doz., \$1.00; per 100, \$7.00.

**SULPHUR KING.** Clear sulphur-yellow, a most valuable sort, flowers of large size. The best of the yellows. Each, 15c; doz., \$1.50; per 100, \$10.00.

**VIRGINIA.** Its beautiful color resembles a good dark Premier rose, being a rich scarlet. The flowers are well formed on the stem, making it an exceptional sort. Each, 15c; doz., \$1.50; per 100, \$10.00.

**WAR.** Deep blood red, shaded crimson-black, very tall, large flowering. Each, 15c; doz., \$1.50; per 100, \$10.00.

**WILLIAMS' RAINBOW MIXTURE.** All colors. Doz., 60c; per 100, \$4.00.

## LARGE FLOWERING CANNAS (Dormant Roots)

**CULTURE.** The ground should be spaded at least ten inches deep and well rotted manure worked in. If this cannot be obtained, sheep manure is a good substitute. The roots should be planted at least two inches below the surface and set eighteen inches to two feet apart when used in masses, and further when put in rows. Cannas love water and when the ground is dry when they are in bloom, it will repay one to keep them moist.

Planting may begin by the middle or last of March, but if early blooms are desired they can be started in pots under protection, transplanting them to open ground when danger of frost has passed.

Unless they are taken up before freezing weather, they should be well covered with litter.

**EUREKA.** Green foliage. 4½ feet. The best white Canna for all purposes. The large substantial flowers are very freely produced on strong vigorous plants. 20c each; doz., \$2.00.

**FIERY CROSS (Burpee's Genuine).** Green foliage. The flower heads are 15 to 18 inches in length and carry from 15 to 20 open flowers of a vivid scarlet. The foliage is a beautiful lustrous blue-green. Flowers continuously from the latter part of June until frost. The foliage grows to a height of 4 to 4½ feet. 25c each; \$2.50 per doz.

**KING HUMBERT.** Bronze foliage. A king among cannas, because of its majestic growth; the plants are crowned with immense heads of copper scarlet flowers. 4½ feet. 15c each; \$1.50 per doz.

**META WILLIAMS (New).** Green foliage. 4½ feet. A wonderful variety introduced by us. The formation of the flower resembles an orchid and the color is a canary yellow with blotches, streaks and spots of terra cotta. A bed of this from a distance gives a most wonderful effect. 30c each; \$3.00 per doz.

**MRS. ALFRED F. CONARD.** Green foliage, 4 feet. The gigantic flowers which are borne in immense clusters, are of delightful salmon-pink, a shade which becomes more brilliant as the flower develops. 20c each; \$2.00 per doz.

**PANAMA.** Green foliage. 3 feet. Color rich orange-red with a border of golden yellow. Flowers of large size with enormous wide petals. 15c each; \$1.50 per doz.

**ROSEA GIGANTEA.** Green foliage. 3½ feet. Rich soft rose-pink flowers of gigantic size: a prolific bloomer. The large broad petals and the massive heads of bloom invariably create a sensation. 15c each; \$1.50 per doz.

**THE PRESIDENT.** Green foliage. 4 feet. This Canna is superior to any other red variety in quality and also quantity of bloom. Color rich glowing scarlet and the immense firm flowers are produced on strong, erect stalks. 15c each; \$1.50 per doz.

**YELLOW KING HUMBERT.** Green foliage. 4 feet. This is a sport of the well-known bronze-leaved variety, but this sort has green foliage; about 4 feet high, with masses of golden yellow flowers, dotted red. 20c each; \$2.00 per doz.

**SHENANDOAH.** Bronze foliage. 4 feet. The foliage is rich ruby-red, veined and tinted bronze. It bears fine large trusses of beautiful waxy rose-pink flowers. 15c each; \$1.50 per doz.; \$10.00 per 100.

**WINTER'S COLOSSAL.** Green foliage. 5 feet. Without a doubt the largest-flowered Canna yet produced. Flowers of vivid scarlet, sometimes measuring eight inches across. 15c each; \$1.50 per doz.



# GARDEN ACCESSORIES

Prices Quoted Are F. O. B. Norfolk and Are Subject to Change Without Notice.



## FLOWER POTS, EARTHENWARE

Size	Each	Doz.	100
2-in.	.....	\$0.25	\$1.35
2½-in.	.....	.30	1.85
3-in.	.....	.05	.40
4-in.	.....	.10	.50
5-in.	.....	.15	1.00
6-in.	.....	.15	1.30
7-in.	.....	.20	2.00
8-in.	.....	.30	3.00
10-in.	.....	.60	5.50
12-in.	.....	1.00	10.50

## FLOWER POT SAUCERS, EARTHENWARE

Size	Each	Doz.	100
5-in.	.....	\$0.10	\$2.25
6-in.	.....	.10	.65
7-in.	.....	.12	1.00
8-in.	.....	.15	1.25
10-in.	.....	.20	2.00
12-in.	.....	.30	3.25
14-in.	.....	.45	4.50

## EARTHEN BULB PANS

Diem.	Each	Doz.	100
6 in.	.....	\$0.15	\$1.25
8 in.	.....	.25	2.50
10 in.	.....	.65	6.50
12 in.	.....	1.25	12.00

## PAPER FLOWER POTS, NEPONSET

Very economical; waterproof; can be nested closely for shipping.

Diem.	Doz.	100
2½-in.	.....	\$0.15
3-in.	.....	.20
3½-in.	.....	.20
4-in.	.....	.25
5-in.	.....	.30
6-in.	.....	.45

## POT OR GARDEN LABELS

Wooden	10	100	500	1000
4-in.	.....	\$0.05	\$0.40	\$1.25
4½-in.	.....	.05	.45	1.00
5-in.	.....	.10	.50	1.65
6-in.	.....	.10	.60	1.80
8-in.	.....	.20	1.60	4.65
10-in.	.....	.25	2.00	6.75
12-in.	.....	.30	2.40	7.50
3½-in. Tree Labels; copper wired	.....	.05	.50	1.50

## SPRAYERS AND DUSTERS

### AUTO SPRAY No. 1

A popular sprayer for garden and orchard use. The 4-gallon tank is of heavy steel or brass as wanted. The pump is located within the tank where it is protected from injury. Requires no tools to take it apart. Two pumpings will discharge the contents. Equipped with an automatic shut-off nozzle (the Auto Pop Spray Nozzle) 2 ft. of ¼-inch rubber hose and shoulder strap.

No. 1 D Galvanized Steel	.....	\$6.50
No. 1 B Brass	.....	9.00
Brown Auto Spray No. 26-A. All Tin, 1 Qt.	.....	1.00
Brown Auto Spray No. 26-B. Tin Pump, Brass Tank, 1 Quart	.....	1.15
Brown Auto Spray No. 26-C. All Brass, 1 Qt.	.....	1.25
Brown Auto Spray No. 28-C. All Tin, 1 Qt.	.....	.55
Brown Auto Spray No. 50-D. Galvanized Tank with Auto Pop	.....	5.50
Brown Auto Spray No. 6. Bucket Spray	.....	4.50
Brown Duster No. 2-B. 1 Pint	.....	1.00
Brown Duster No. 2-C. 1 Quart	.....	1.25
Smith No. 45 Sturdy Spray Pumps	.....	4.50
Smith Blizzard Brass Sprayers	.....	1.25
Smith Speeder Sprayers	.....	2.00
Armstrong Standard Sprayer	.....	5.50

## WOODEN PLANT STAKES

### Square Green Tapering

	Each	Doz.	100
1½ ft.	.....	\$0.04	\$0.35
2½ ft.	.....	.08	.70
3 ft.	.....	.11	1.10
3½ ft.	.....	.12	1.15
4 ft.	.....	.15	1.40
5 ft.	.....	.20	2.00

### Round Green Tapering

	Each	Doz.	100
1½ ft.	.....	\$0.04	\$0.35
2½ ft.	.....	.08	.75
3 ft.	.....	.10	1.00
3½ ft.	.....	.12	1.25
4 ft.	.....	.15	1.40
5 ft.	.....	.18	1.85



## SAVO FLOWER AND PLANT BOX

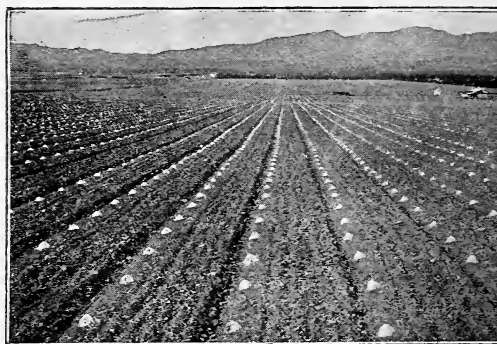
### Standard Stock Sizes and Price List

Model	A	B	C	D	E	F	Each
8 in. high, 9½ in. wide, 23 in. long	.....	.....	.....	.....	.....	.....	\$3.00
8 in. high, 9½ in. wide, 29 in. long	.....	.....	.....	.....	.....	.....	4.00
8 in. high, 9½ in. wide, 35 in. long	.....	.....	.....	.....	.....	.....	4.50
8 in. high, 9½ in. wide, 41 in. long	.....	.....	.....	.....	.....	.....	5.00
8 in. high, 12 in. wide, 12 in. long	.....	.....	.....	.....	.....	.....	3.50
12 in. high, 12 in. wide, 12 in. long	.....	.....	.....	.....	.....	.....	4.00

These are outside measurements, including the ¾-in. roll rim.

## HOTKAPS MAKE MORE PROFIT

This Amazing New Method Gets Your Crop to Market Earlier



Germaco Hotkaps can make you extra dollars this season. They protect plants from frost, wind, rain, insects and ground crusting. Thus they produce hardier, quicker crops. You get higher prices!

Thousands were used in 48 states last year. They cost so little that growers cannot afford to be without them.

Prices, per roll (1000 Kaps), \$11.50; 5000 Kaps, per 1000, \$11.00. Write for free pamphlet or order today!



# INSECTICIDES, FUNGICIDES, ETC.

Prices Subject to Market Changes. Purchasers Pay Transit Charges.

- ARSENATE OF LEAD (Powdered).** Does not burn foliage. Has all advantages of Arsenate of Lead Paste, but goes twice as far. Dilute 1 pound to 50 gallons.  $\frac{1}{2}$  lb., 35c; 1 lb., 60c.
- BLACK LEAF 40 (Nicotine Sulphate).** Most effective spray to kill all plant lice; as it kills by contact, it should be applied through an atomizer. Oz. bottle, 35c;  $\frac{1}{2}$  lb. tin, \$1.25; 2-lb. tin, \$3.75; 10 lbs., \$15.50.
- BORDEAUX MIXTURE (Powdered).** Used same as Bordeaux Mixture Liquid. Also used for dry dusting. Dilutes 1 pound to 8 gallons of water. 1 lb., 45c; 5 lbs., \$2.00.
- CALCIUM ARSENATE. (Dry).** For dusting and spraying. A new arsenical poison for chewing insects, especially potato beetles. Harmless to foliage, not easily washed off. Lb., 40c; 5 lbs., \$1.25; 10 lbs., \$2.00. Write for prices in 100-lb. lots.
- FUNGITROGEN.** A highly concentrated form of fungicide that will conquer mildew and control black spot on roses. It also supplies an essential fertilizer. Dilutes 1 part with 60 parts of water.  $\frac{1}{2}$  pt., 75c; pt., \$1.25; qt., \$2.00;  $\frac{1}{2}$  gal., \$3.50.
- KEROSENE EMULSION (Liquid) (Miscible Oil).** Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice of any kind such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. Qt., 75c; gal., \$1.75.
- MELROSINE.** The most effective remedy for killing full-grown rose bugs. Will not discolor flowers. Dilute 1 part to 20 parts of water. Trial size, 50c; pt., \$1.00; qt., \$1.75;  $\frac{1}{2}$  gal., \$3.25; gal., \$6.00.
- PARIS GREEN.** An insoluble, poisonous powder for potato bugs, codling moth, worms, caterpillars, slugs and bugs. Applied as a powder it should be mixed with plaster or flour, 100 parts to 1 part of Paris Green; in solution, mix 1 lb. in 200 to 300 gallons of water.  $\frac{1}{2}$  lb. pkg., 35c; 1 lb. pkg., 65c; 5-lb. pkg., \$2.30.
- PYROX.** A combined insecticide and fungicide for all leaf-eating insects, blights and fungous troubles on trees, grapes, small fruits, potatoes, cucumbers, vegetables, roses, shrubbery, etc. It is a creamy paste, and needs only to be mixed with cold water to apply. 1 lb. bottle, 50c; 5 lbs., \$2.00.
- SCALECIDE.** Sure death to the San Jose scale. A soluble petroleum spray for use in orchards. It is economical, effective, and acts as a fungicide. Qt., 75c; gal., \$1.75.
- SLUG SHOT.** The standard remedy for current worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. 1 lb. canister, 25c; 5 lbs., 60c; 10 lbs., \$1.20; 25 lbs., \$2.75; 100 lbs., \$11.00.
- DRY LIME-SULPHUR.** Exactly like lime-sulphur except that the water has been taken out. For fall and spring spraying, use 12 to 15 lbs. to 50 gallons of water; stone fruits  $\frac{1}{2}$  to 2 lbs. to 50 gallons of water. To the summer spray add 2 lbs. arsenate of lead to make a combined insecticide and fungicide. 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50.
- SULFOCIDE.** A highly concentrated non-poisonous liquid sulfur fungicide—entirely distinct from lime-sulfur. Within a few minutes after the spray is applied and before it is dry, Sulfoicide is decomposed by the action of the air leaving a film of extremely fine sulfur in its most active fungicidal form. Qt., \$1.00; gal., \$2.75.
- TREE TANGLEFOOT (Liquid).** Applied directly to the bark of trees; will catch all climbing insects. One application remains effective for three months. 1 lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.25.
- TOBACCO DUST.** 1 lb., 15c; 5 lbs., 50c; 10 lbs., 75c; 100 lbs., \$6.00.
- WEED KILLER.** Kills all plant growth. Dilute 1 part to 60 parts of water. 1 qt., 60c;  $\frac{1}{2}$  gal., \$1.00; 1 gal., \$1.75; 5 gals., \$6.50; 50-gal. barrel, \$50.00.

## WILLIAMS' HIGH GRADE FERTILIZERS

Prices quoted are F. O. B. Norfolk, and subject to change without notice.

- WILLIAMS' SPECIAL GARDEN FERTILIZER.** For vegetables, lawns, flowers and bulbs. 6-lb. pkg., 65c; 12-lb. pkg., \$1.10; 25-lb. pkg., \$2.00. If wanted by parcel post add postage at zone rates.
- NITRATE OF SODA.** Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 ozs. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., 45c; 85c per 10 lbs.; 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$5.25; 200 lbs., \$10.00.
- POULTRY MANURE (Pulverized).** A splendid fertilizer, rich in ammonia and nitrogen, very quick in action, but should be used cautiously. 5 lbs., 35c; 10 lbs., 65c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.50.
- PULVERIZED SHEEP MANURE.** Sheep manure is the ideal fertilizer to use for the lawn, in the garden, the perennial border, shrubbery beds, small fruit garden, flower beds, etc. 2 lbs., 20c; 5 lbs., 35c; 10 lbs., 55c; 25 lbs., \$1.00; 100 lbs., \$3.25.
- STIM-U-PLANT.** A fertilizer in tablet form. The tablets contain the essential plant foods in highly concentrated form, and are, therefore, very convenient for house use. Package of 30 tablets, 25c; 100 tablets, 75c; 1000 tablets, \$3.50.
- BLOOD (Dried).** For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50.
- RAW GROUND BONE.** This is moderately fine and particularly adapted for general fertilizing; the finer particles are immediately beneficial, the coarse keeping up the supply of plant food for a long period. 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$4.00; 200 lbs., \$7.50.
- LAWN DRESSING (Wilcox).** Specially prepared for lawns, golf courses, meadows, etc. Apply broadcast at rate of 1,000 to 1,500 lbs. to the acre. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; ton, \$50.00.
- LIME (Hydrated or Powdered).** This is a very fine article for distributing on grass. Promotes growth, gives the grass a rich color and has a tendency to prevent the growth of weeds. Apply one ton per acre. 10-lb. bag, 45c; 100-lb. sack, \$2.00. Ton prices on application.
- VIGORO.** Ideal plant food for vegetables, flowers, lawns, etc. 5 lbs., 50c; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.

SEASON  
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WILLIAMS' SEEDS



*"Growing"*  
*Reputation*

**Williams Seed Company, Inc.**  
57-59 Commercial Place  
NORFOLK, VIRGINIA

**Branch Store: Plant City, Florida**